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ANNUAL REPORT

OF

3/ THE MINES BRANCH

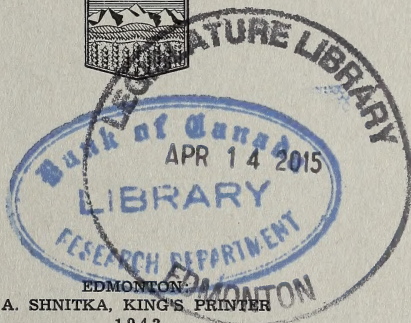
OF THE

2/ Department of Lands and Mines

OF THE

PROVINCE OF ALBERTA

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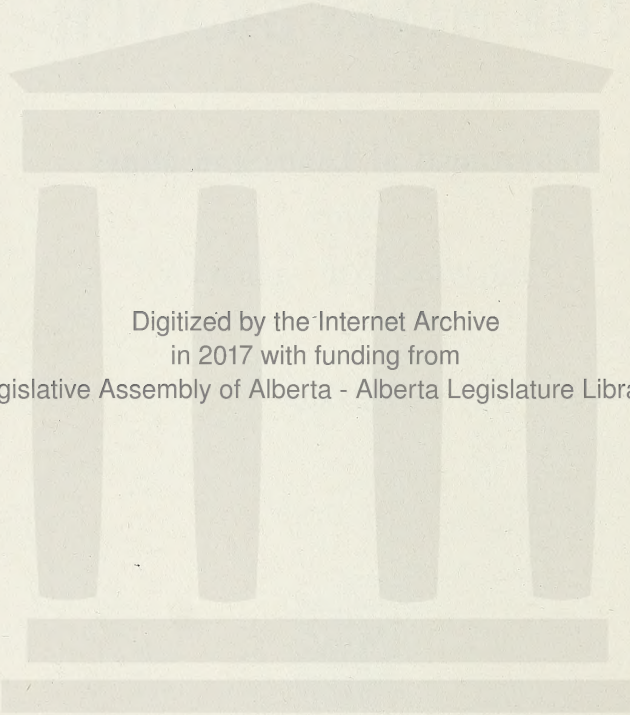
EDMONTON
A. SHNITKA, KING'S PRINTER
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ANNUAL REPORT
OF
THE MINES BRANCH
OF THE
Department of Lands and Mines
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Edmonton, Alberta,
February 26, 1944.

TO THE HON. N. E. TANNER,
Minister of Lands and Mines.

SIR:

I herewith submit the report of The Mines Branch for the year ending December 31, 1943.

Respectfully submitted,

A. A. MILLAR,
Chief Inspector of Mines.

ANNUAL REPORT OF THE MINES BRANCH FOR THE YEAR ENDING DECEMBER 31st, 1943

(ANDREW A. MILLAR, *Chief Inspector*)

The output of coal produced from mines in the Province during the year was 7,677,982 tons, with a valuation of \$22,624,410, this being the second highest tonnage produced in the history of the Province.

The disposition of coal during the year was as follows:

	Tons
Sold for consumption in Alberta	1,560,212
Sold for consumption in other Provinces	2,998,379
Sold to the United States	414,627
Sold to railroad companies	2,098,535
Used making briquettes	208,807
Used making coke	101,132
Used under colliery boilers	173,294
Used by colliery railroads	6,444
Put to stock	16,744
Put to waste	134,140

The above tonnages include coal lifted from stock and waste heaps, which is not included in the total output.

During the year, 3 shale pits produced 30,432 tons of shale and clay, from which 11,537,802 bricks and 3,500 tons of hollow tile were made.

There were 206 mines producing coal during the year, of which 27 were opened, 22 re-opened, 17 abandoned, and 27 closed. At December 31st, 1943, 180 mines were in operation.

The number of men employed during the month of December was 8,636, this being 493 less than for the corresponding month of 1942.

During the year, 341 miners were granted certificates, 97 of which were Class A and 244 Class B certificates. Due to the shortage of miners, an Order in Council was passed by the Provincial Government in June authorizing the continuation of the granting of Emergency Coal Miners' Certificates to men with limited mining experience. This Order applies to the bituminous and sub-bituminous mines, as well as the domestic.

To December 31st, 587 of these certificates were issued, and while not altogether satisfactory, they gave considerable help to the mines when same was most needed.

Samples of mine air were taken during the year by the Inspectors and sent to the Chemistry Branch of the Department of Mines, Ottawa, for analysis. This has been done in addition to tests made with the M.S.A. Methane and other gas detectors.

Samples of coal were collected and forwarded to the Industrial Research Council, University of Alberta, for analysis.

All fatal and serious accidents have been investigated by the Inspectors, who also attended the inquests held in their districts, this being in addition to the regular inspection of the mines. All complaints made to the Department were also investigated.

There were 23 prosecutions instituted for contraventions of The Mines Act, made up as follows: 1 operator and overman, 3 overmen, 1 coal bucker, 2 examiners' (three charges), 1 general manager, 1 locomotive driver, 7 miners, 1 hoistman, 3 timber packers, 1 timberman, 1 mine manager.

The protective equipment reported to us as being in use is as follows: 3,485 hard hats, 2,146 pairs of safety shoes, 352 pairs of goggles, 35 pairs of knee caps, 81 respirators.

The purchased electrical power by the mines was 41,491,378 k.w. hours, this being very little less than that used for 1942.

During the year, all the electrical plants and equipment at the mines were inspected, and at the end of 1943 there were 74 mines that were electrified, and in addition, 7 mines have electric mine lamps, signals or telephones.

The following mines were electrified during the year: Red Hot Coal Co., Ltd., Edmonton; Edmonton Collieries, Ltd., Edmonton; Riverdale Coal Co., Ltd., Carbondale; Samis Collieries, Namao; Jasper Coals, Ltd., Drinnan; Sovereign Coal Co., Ltd., Wayne; Camrose Collieries, Ltd., Ohaton; Castor Creek Collieries, Ltd., Castor; Arcadia Coal Mines, Ltd., Willow Creek.

On January 6th, fire destroyed the tippie of the Great West Coal Co., Ltd., mine at Clover Bar. A new tippie has since been erected with the necessary screening arrangements, to handle the entire output.

Of the new installations, the Jasper Coals, Ltd., Drinnan, is most extensive, and the following are the particulars: Above ground—1, 75 K.V.A. 2,300 volt steam driven generator, driven by 120 H.P. McEwan engine, exciter 10 kw.; 3, 15-K.V.A. transformers, 2,300 to 220 volts; 2, 10-K.V.A. transformers, 2,300 to 220-110 volts; 1 pump with 15 H.P. 220 volt motor, magnetic starter; underground—1 blower fan with 2, H.P. 220 volt motor; 1, 15-H.P. 220 volt Sullivan coal cutter.

The following installations have also been made:

Arcadia Coal Mines, Ltd., Willow Creek—Above ground: 2, 50-K.V.A. transformers, 13,200 to 200 volts; 1 hoist with 10 H.P. 220 volt motor; 1 fan with 10 H.P. 220 volt motor; underground: 2 Mavor & Coulson coal cutters, each 50 H.P. 200 volt.

Sovereign Coal Co., Ltd. Wayne—Above ground: 3, 25-K.V.A. transformers, 2,300 to 220 volts; hoist, 40 H.P. 220 volt motor; fan, 5 H.P. 220 volt motor; underground: 1 Sullivan coal cutter, 30 H.P. 220 volt; 1 pump with 5 H.P. 220 volt motor.

Midland Coal Mining Co., Ltd., Drumheller—Above ground: 3, 75-K.V.A. transformers, 2,300 to 460-230 volts; underground: 1 Mancha 6-ton United States Bureau of Mines Approved battery locomotive with Exide batteries; 1 Hertner electric motor generator set, 7.5 K.W. capacity, driving end 15 H.P. 440 volt A.C., equipped with Hertner automatic panel.

Commander Coal Co., Drumheller—Above ground: Hoist with 300 H.P. 2,300 volt motor, Lilly control and full magnetic accelerating panel; aerial hoist with 22 H.P. 220 volt motor, drum control; hoist with 15 H.P. 220 volt motor, drum control; tippie: 1, 20-H.P. 220 volt motor, push button magnetic control; 2, 15-H.P. 220 volt

motors, push button magnetic control; 3, 150-K.V.A. transformers, 13,200 to 2,300 volts; 3, 75-K.V.A. transformers, 13,200 to 2,300 volts; under ground; 1, 50-K.V.A. 2,300 to 220 volt 3-phase Pyranol transformer; 1 motor generator set for charging batteries, 15 H.P. motor 220 volts and a 8.5 Kw. generator with automatic charging panel; 1 Mancha battery locomotive, U.S. Bureau of Mines Approved.

Some strikes of a local nature have taken place during the year, and one general strike occurred on November 1st and lasted until November 8th, although some mines stayed out a few days longer.

The strike was over a demand for an increase in wages, and the questions at issue were dealt with by a Commission sitting under Mr. Justice O'Connor.

I regret to report that the number of fatal accidents for the year was 25, and this compares with 17 in 1942.

Three accidents occurred which caused the death of more than one person. One was an explosion at the Kerralta Mine, Lethbridge, on August 9th, and as a result four men, including the overman and mine electrician, were killed.

Repairs were being carried out on an electric coal-cutting machine, but the electric power appeared to have been off at the machine at the time of the explosion.

The point of origin evidently was at the face of the room where the machine was. The overman and the electrician were found afterwards to have had smoking material and matches on their person.

The explosion occurred on a Monday, and it was found that the mine fan had been standing over the week-end and was only started before the men went on shift. No inspection previous to the men going in the mine had been made.

Explosive gas was found in the mine after the explosion, and it was clearly caused by methane gas.

On July 16th, two men, a fireboss and a miner, were asphyxiated by gas in No. 8 Panel, West Side workings, of the Cadomin Mine, which was given off by a bump. They had gone into a place to get some tools and were caught by the gas before they could get out. A large volume of gas was liberated on this occasion.

On October 18th, two miners were killed in the McGillivray Creek Mine, Coleman, by a fall of rock while engaged extracting pillars. A very large cave occurred, and it was some considerable time before the body of one of the men was recovered.

The problems of the industry have increased during the year, due to shortage of labour and materials.

It is also noticeable that some mines are short of certificated officials, and powers may have to be obtained by the Minister to grant provisionals in order to meet the situation.

The Emergency Miners' Certificates appear to be working satisfactorily, and very little difficulty has been experienced by the Department with them.

During the year, Mr. William Goodwin resigned his position as District Inspector of Mines at Edson, and was succeeded by Mr. Alex. Muir, who was previously manager at the Alexo Mine.

Many changes of the leading officials have also occurred at the various mines during the year.

Many plant changes and additions have also been made at the various mines, some of them at the suggestion of the Emergency Fuel Production Board.

One new operation has been started at Drinnan by the Jasper Coals, Ltd., near the old Jasper Coal Mine location. A slope has been sunk about 400 feet in a seam four feet thick, pitching eight degrees. The roof is a firm sandstone. It is intended to work the seam longwall, using electric machines and face conveyors.

While new mine openings are being made at Cadomin, Luscar and other places, and there is an effort being made by the underground mines to meet the demand for more production by plant additions and in other ways, the lack of experienced miners has restricted their efforts in this direction.

Much has been done to meet the demand for greater coal production by starting up new stripping mines. Considerable tonnages of coal have been stripped and are available, and no doubt more would have been shipped, but in a number of cases the loading ramps or tipples have not been completed, but are in all cases now about ready for operation. Some of the most important of these strip operations are herewith noted:

Camrose Collieries, Ltd., Camrose, located on Section 29-46-19-4. Seam about $4\frac{1}{2}$ feet thick, the average cover being about 20 feet. Camp buildings have been erected, with hot and cold running water throughout, and centrally heated.

A tipple with scales, etc., has been installed, capable of handling 100 tons per hour, and a road has been gravelled from the pit to the tipple. A considerable tonnage of coal has been stripped at this mine.

Near Castor, the Castor Creek Collieries, Ltd., has started a strip pit on Section 3-38-14-4, and the seam averages about $4\frac{1}{2}$ feet in thickness. The cover is variable, but does not appear to average more than 20 feet over a considerable area.

Camp buildings and other plant is being installed, and also a tipple to handle 100 tons per hour. This mine is likely to become a large producer.

In the Tofield area, an increase in the tonnage stripped is being provided by the Dodds Coal Mine, which is now controlled by E. Skarin and associates, of Edmonton.

Near Ardley, Foreman and several other points, stripping operations on a small scale are being carried on, while previously existing strip pits have been making provision for increasing their outputs.

In the Taber area, the Majestic Mines, Ltd., is operating on Section 12-10-17-4, and a considerable tonnage of coal has been stripped and is waiting shipment, the tipple not yet being ready.

The Western Ventures, Ltd., are also operating along similar lines on the Taber seam, which runs from 3 to 4 feet thick.

Edward Oliver has also stripped several thousand tons. The cover ranges from very light to about 30 feet.

At Grassy Lake, a company under the name of the Continental Coal Corporation, Ltd., has been stripping on the property formerly operated by Victor W. Campbell, and also that of A.A.A. Coals, Ltd., close to the Campbell property.

Once loading facilities are available, a substantial tonnage of coal is going to be obtained from the stripping operations in the Taber district.

West of Edmonton, the Pembina Coal Mine has been taken over by Willson and Andrews, and some tonnage has been stripped, but it is their intention to also operate the underground mine. The stripping is on the Evansburg seam.

The Wilma Coal Co. is doing some stripping on the south side of Lake Wabamun, but the location may limit the tonnage produced. The seam is the big Wabamun seam.

In the Drumheller district, considerable additions to the plants and equipment have been made, but the most important is the near completion of the construction programme that has been carried on at the Commander Mine. An up-to-date plant has been installed for the preparation of domestic coal. This mine should, from now on, become a larger producer if labour can be obtained.

At Nordegg, the Brazeau Collieries, Ltd., has installed a new briquetting unit, and in No. 2 seam some air picks have been introduced.

Three underground fires occurred in mines during the year, but all were brought under control without serious dislocation of work at any of them.

ANNUAL PRODUCTION OF COAL FROM MINES IN THE PROVINCE OF ALBERTA

The following table is taken from a report prepared by the Dominion Bureau of Statistics and published in "Coal Statistics for Canada" for the year 1942:

Calendar Year	Short Tons	Value
1886	43,220	\$ 81,112
1887	74,152	157,577
1888	115,124	183,354
1889	97,364	179,640
1890	128,753	198,298
1891	174,131	437,243
1892	178,970	460,605
1893	230,070	586,260
1894	184,940	473,827
1895	169,885	382,526
1896	209,162	581,832
1897	242,163	630,408
1898	315,088	787,720
1899	309,600	774,000
1900	311,450	778,625
1901	340,275	850,687
1902	402,819	960,601
1903	495,893	1,117,541
1904	661,732	1,404,524
1905	931,917	1,993,915
1906	1,246,360	2,614,762
1907	1,591,579	3,836,286
1908	1,685,661	4,127,311
1909	1,994,741	4,838,109
1910	2,894,469	7,065,736
1911	1,511,036	3,979,264
1912	3,240,577	8,113,525
1913	4,014,755	10,418,941
1914	3,683,015	9,350,392
1915	3,360,818	8,283,079
1916	4,559,054	11,386,577
1917	4,736,368	14,153,685
1918	5,972,816	20,537,287
1919	4,933,660	18,205,205
1920	6,907,765	30,186,933
1921	5,909,217	27,246,514
1922	5,990,911	24,351,913
1923	6,854,397	28,018,303
1924	5,189,729	18,884,318
1925	5,869,031	20,021,484
1926	6,503,705	20,886,103
1927	6,934,162	21,982,058
1928	7,336,330	23,532,414
1929	7,150,693	22,928,182
1930	5,755,528	18,063,225
1931	4,564,015	13,342,675
1932	4,870,648	13,526,309
1933	4,718,788	12,307,258
1934	4,753,810	12,556,099
1935	5,462,894	14,094,795
1936	5,696,960	14,659,705
1937	5,562,839	14,563,911
1938	5,251,233	13,698,470
1939	5,519,208	14,415,281
1940	6,203,839	16,377,959
1941	6,969,962	19,382,471
1942	7,754,053	22,624,410
Total	188,771,354	\$577,581,244

NOTE: Production quantities and values prior to 1919 refer to sales and colliery consumption. From 1919 to 1942 the mine output figures are given.

ALBERTA CONSUMPTION OF COAL IN CANADA, 1902-1942
The following revised table is taken from the report issued by the Dominion Bureau of Statistics for the year 1942:

Year	Canadian*		Imported coal "Entered for consumption"				Total	Per Capita Tons	
			From U.S.A.		From Great Britain				Total†
	Short tons	%	Short tons	%	Short tons	%	Short tons		
1902	5,376,413	53.1	4,656,286		101,726		4,758,012	10,110,972	1,840
1903	6,005,735	47.3	6,520,931		184,593		6,678,450	12,684,185	2,245
1904	6,697,183	47.9	7,238,869		85,687		7,297,482	13,994,665	2,402
1905	7,032,661	48.4	7,283,738		68,500		7,215,446	14,249,107	2,374
1906	7,927,560	50.5	7,787,338		67,014		7,758,325	15,685,885	2,990
1907	8,617,352	45.0	10,588,697		54,325		10,549,503	19,166,855	2,990
1908	8,156,478	47.3	10,203,335		97,514		10,195,424	19,351,902	2,921
1909	8,913,376	47.9	9,805,253		67,671		9,711,826	18,625,202	2,739
1910	10,532,103	50.2	10,545,451		51,541		10,437,123	20,970,226	3,001
1911	9,822,749	40.5	14,510,129		48,963		14,424,949	24,247,698	3,364
1912	12,385,696	46.0	14,557,124		38,668		14,549,104	26,934,800	3,645
1913	13,450,158	42.6	18,145,769		37,825		18,132,987	31,582,545	4,138
1914	12,214,403	45.5	14,687,853		33,101		14,637,920	26,852,323	4,308
1915	11,500,480	48.1	12,450,796		15,098		12,406,212	23,906,692	2,995
1916	12,348,036	41.3	17,576,202		4,401		17,517,820	29,865,856	3,733
1917	12,313,603	37.2	20,848,009		9,451		20,810,132	33,123,735	4,110
1918	13,160,731	37.8	21,674,826		3,761		21,611,101	34,771,832	4,268
1919	11,611,168	40.3	17,292,913		344		17,236,269	28,847,437	3,471
1920	14,025,566	42.9	18,752,981		1,591		18,868,741	32,694,307	3,821
1921	12,715,734	41.1	18,300,081		765,980		18,258,387	30,974,121	3,525
1922	13,044,352	50.2	12,255,355		572,570		12,967,189	26,006,541	2,916
1923	15,070,962	41.8	20,417,239		317,112		20,962,971	36,038,933	4,000
1924	12,529,358	42.8	16,405,344		604,117		16,714,143	29,243,501	3,198
1925	12,125,290	42.6	15,744,957		287,299		16,331,971	28,457,261	3,062
1926	15,086,296	47.7	16,204,405		907,220		16,565,555	31,651,851	3,349
1927	15,944,983	46.7	17,266,434		682,755		18,177,303	34,122,286	3,541
1928	16,487,807	50.0	15,830,688		843,502		16,515,582	33,003,389	3,356
1929	16,387,461	48.0	16,780,452		1,144,861		17,724,132	34,111,593	3,401
1930	14,052,671	43.3	16,971,933		987,442		18,412,039	32,464,710	3,180
1931	11,682,779	47.7	11,793,798		1,727,716		12,828,327	24,511,106	2,362
1932	11,456,273	49.0	9,889,866		1,942,875		10,808,962	22,867,193	2,075
1933	11,556,273	51.5	8,865,935		1,981,116		12,651,168	25,987,235	2,187
1934	13,236,406	51.1	10,580,710		1,822,500		12,551,168	25,987,574	2,392
1935	13,306,303	53.1	9,618,518		1,498,656		12,719,315	25,042,138	2,290
1936	14,508,642	53.3	10,801,643		1,211,052		14,268,585	27,228,167	2,469
1937	15,172,729	51.5	12,574,574		1,257,887		12,012,634	25,811,314	2,648
1938	13,800,094	53.5	10,754,747		1,099,419		14,479,668	29,382,583	2,281
1939	14,902,915	50.7	12,838,347		1,514,458		17,036,090	33,702,324	2,597
1940	16,666,234	49.5	15,509,778		693,092		20,026,082	37,253,233	2,960
1941	17,227,151	46.2	19,332,479		388,010		24,122,916	41,848,677	3,238
1942	17,725,761	42.4	23,735,334						3,591

*The sum of Canadian coal-mine sales, colliery consumption, coal supplied to employees, and coal used in making coke, etc., less the tonnage of coal exported.
†Includes small tonnages from countries other than Great Britain and the United States. Deductions have been made to take account of foreign coal re-exported from Canada and bituminous coal ex-warehoused for ships' stores.

THE MINES BRANCH

The following table shows the quantity of coke imported into Canada during the years 1941, 1942 and 1943 through ports in the Provinces, compiled from information from the Dominion Bureau of Statistics:

Ports in Province of	1941 Coke		1942 Coke		1943 Coke	
	Made from Petroleum	Made from Coal	Made from Petroleum	Made from Coal	Made from Petroleum	Made from Coal
Nova Scotia ..	.....	2,011	.....	111	.....	72
Quebec	104,698	34,195	158,289	45,808	263,130	44,991
Ontario	130,613	567,412	154,532	646,799	71,823	857,639
Manitoba	45	10,295	.....	24,768	.....	35,668
Saskatchewan .....	.....	27	.....	.....	.....	104
British Columbia	496	477	116	1,021	.....	2,449
Alberta .....	.....	.....	.....	1,606	.....	143
Total	235,852	614,417	312,917	720,113	334,953	941,066

Figures on Imports of Coke into Canada, by Countries, not available for the duration.

Quantity of coal in tons entered for consumption for each year since 1919, through ports in the Provinces of Ontario, Manitoba, Saskatchewan, Alberta, British Columbia and Yukon.

BITUMINOUS COAL

Year	Central Ontario	Port Arthur	Fort Frances	Fort William	Total Ontario	Manitoba	Saskatchewan	Alberta	British Columbia & Yukon	Total Canada
1919	7,641,682	483,991	59,253	1,063,793	9,248,719	62,746	1,406	1,131	6,700	12,010,490
1920	10,261,237	571,879	111,957	1,391,709	12,336,903	43,547	535	607	13,128	15,902,632
1921	8,605,872	659,763	127,956	1,316,155	10,709,746	76,833	2,127	1,820	17,081	13,536,250
1922	7,424,171	445,019	68,082	1,517,250	9,454,522	74,848	1,484	1,147	13,966	11,563,467
1923	11,621,859	619,037	95,439	1,731,667	14,068,002	112,134	1,607	1,110	17,919	17,517,108
1924	8,763,676	403,388	70,259	1,500,525	10,737,848	143,607	2,422	1,209	25,049	12,619,082
1925	9,100,462	286,984	81,173	487,264	9,884,710	147,758	1,732	1,175	40,286	13,015,323
1926	10,531,095	199,908	83,182	965,105	11,696,108	149,374	1,887	1,515	32,992	13,802,242
1927	11,572,678	221,694	90,864	1,273,691	13,158,927	142,860	2,141	1,324	22,648	15,178,640
1928	10,539,408	194,718	103,594	1,481,228	12,318,948	97,002	2,536	1,360	18,682	13,966,183
1929	11,232,027	143,889	100,141	1,591,656	13,067,713	38,801	2,477	1,327	18,526	14,585,275
1930	10,421,748	165,499	70,403	1,297,939	11,955,589	24,898	1,816	1,351	8,886	13,345,308
1931	8,553,736	86,810	65,738	609,279	9,315,563	7,041	1,535	912	2,308	10,347,280
1932	6,867,307	62,019	48,915	691,831	7,670,072	12,298	1,459	830	3,582	8,532,318
1933	7,038,386	74,934	30,108	482,206	7,625,634	13,213	1,327	998	26,077	8,427,656
1934	8,472,143	126,671	37,085	602,510	9,238,409	12,103	1,235	1,302	2,301	10,268,945
1935	8,032,739	6,033	53,145	591,810	8,683,727	9,918	952	1,136	3,722(a)	9,549,457(b)
1936	8,448,795	156,229	67,784	688,950	9,361,750	14,101	847	1,205	3,524(d)	10,200,253(e)
1937	9,946,567	128,595	69,598	820,160	10,964,920	12,079	743	1,293	2,540(g)	12,241,270(h)
1938	7,981,172	113,746	56,806	698,371	8,850,635	9,061	783	1,116	2,701(k)	9,567,334(l)
1939	8,035,174	77,522	53,772	528,887	8,695,365	15,035	862	990	1,808(n)	9,903,613(o)
1940	11,312,806	.....	30,138	503,782	11,873,089	11,873,089	692	795	2,591	13,578,705(x)
1941	13,910,140	.....	.....	.....	14,731,647	10,021	671	1,062	1,646	17,867,068
1942	14,397,298	.....	.....	.....	15,354,538	21,568	773	789	1,573	20,807,005
1943	15,524,762	.....	.....	.....	18,365,760	90,293	732	1,002	1,611	24,393,798

NOTE: Figures for Port Arthur, Fort Frances and Fort William omitted for duration.

(x) Consists of 13,382,389 tons from the United States and 196,316 tons from Great Britain.

ANTHRACITE COAL

Year	Central Ontario	Port Arthur	Fort Frances	Fort William	Total Ontario	Manitoba	Saskatchewan	Alberta	British Columbia & Yukon	Total Canada
1919	2,977,913	119,234	559	346,442	3,444,148	12,906	.....	66	136	4,972,283
1920	2,943,134	69,206	2,648	226,476	3,221,464	17,509	206	517	75	4,912,964
1921	2,809,189	62,782	138	198,108	3,070,217	33,473	254	66	251	4,567,370
1922	1,586,924	21,507	12	36,018	1,644,461	14,715	231	.....	1,261	2,693,957
1923	3,061,779	28,229	429	54,329	3,144,766	55,856	2,291	.....	174	5,167,881
1924	2,599,568	4,775	237	84,513	2,689,093	34,222	1,720	.....	687	4,183,594
1925	2,203,281	37	170	50,731	2,254,049	34,396	702	30	246	3,798,744
1926	2,458,674	.....	56	60,810	2,519,494	17,990	464	.....	5,202	4,242,932
1927	2,123,515	.....	51	79,283	2,202,849	15,885	484	.....	3,812	4,063,619
1928	2,179,022	.....	42	57,494	2,236,558	10,130	579	.....	2,241	3,737,333
1929	2,246,063	352	303	52,369	2,299,087	9,180	365	.....	597	4,019,917
1930	2,080,457	.....	224	45,241	2,125,922	8,323	367	.....	2,241	3,737,333
1931	1,615,643	.....	.....	18,302	1,633,945	3,695	.....	.....	1,123	3,178,141
1932	1,250,755	.....	3	12,677	1,263,435	3,800	.....	3	702	3,138,157
1933	1,129,041	.....	8	8,742	1,137,791	5,669	57	75	3,657	3,035,613
1934	1,374,881	.....	3,030	7,934	1,385,845	6,086	.....	.....	282	3,537,309
1935	1,370,119	.....	19	9,455	1,379,593	5,852	49	.....	1,600	3,451,318(e)
1936	1,436,613	.....	135	16,350	1,453,098	5,884	58	.....	1,151	3,530,040(f)
1937	1,608,653	.....	8	21,052	1,629,713	5,639	66	34	61	3,572,268(j)
1938	1,697,601	.....	69	16,050	1,713,720	4,674	39	.....	280	3,714,001(m)
1939	2,043,142	.....	297	18,459	2,061,898	4,496	.....	33	.....	3,977,805(p)
1940	2,033,585	.....	.....	10,571	2,044,156	4,466	34	.....	236	3,964,862(q)
1941	2,343,406	.....	.....	.....	2,362,433	10,021	16	16	30	3,940,859
1942	2,807,479	.....	.....	.....	2,816,165	7,093	.....	23	.....	4,802,023
1943	2,502,024	.....	.....	.....	2,513,199	16,336	.....	7	110	4,458,519

*These figures show the total imports and not the tonnages entered for consumption.

- (a) Includes imports into the Yukon Territory of 10 tons in July and 10 tons in October.
- (b) Consists of 9,168,428 tons imported from the United States, 380,645 tons imported from Great Britain, 43 tons imported from Alaska, 285 tons imported from Norway, 55 tons imported from Esthonia and 1 ton imported from Poland.
- (c) Consists of 1,670,085 tons imported from the United States, 1,454,521 tons imported from Great Britain, 205,045 tons imported from Germany, 67,220 tons imported from Belgium and 54,447 tons imported from French Indo-China.
- (d) Includes imports into the Yukon Territory of 4 tons in April, 3 tons in May, 6 tons in June, 45 tons in July and 2 tons in October.
- (e) Consists of 10,042,127 tons imported from the United States, 149,905 tons imported from Great Britain, 9,421 tons imported from Germany, 361 tons imported from Norway, 124 tons imported from Denmark, 45 tons imported from Sweden, 35 tons imported from the Netherlands, 134 tons imported from Esthonia, and 286 tons imported from Newfoundland.
- (f) Consists of 1,685,848 tons imported from the United States, 1,331,279 tons imported from Great Britain, 359,994 tons imported from Germany, 33,543 tons imported from Belgium, 122,572 tons imported from French Indo-China, 16,231 tons imported from the Netherlands, and 1,120 tons imported from China.

- (g) Includes imports into the Yukon Territory of 4 tons in March, 6 tons in May, 6 tons in June, 45 tons in July and 2 tons in October.
- (h) Consists of 12,333,378 tons imported from the United States, 56,073 tons from Great Britain, 54,061 tons from Germany, 113 tons from Norway, and 200 tons from Estonia.
- (i) Consists of 2,003,317 tons imported from the United States, 1,134,855 tons imported from Great Britain, 258,257 tons from Germany, 8,131 tons imported from Belgium, 154,495 tons imported from Russia, 78 tons imported from Morocco.
- (k) Includes imports into the Yukon Territory of 8 tons in March, 10 tons in July and 8 tons in October.
- (l) Consists of 9,644,020 tons imported from the United States, 65,957 tons from Great Britain, 34,258 tons from Germany, and 417 tons from Japan.
- (m) Consists of 1,973,610 tons from the United States, 1,199,131 tons from Great Britain, 407,031 tons from Germany, 34,182 tons from Belgium, 14,952 tons from Russia, 19,645 tons from Morocco, 37,594 tons from the Netherlands, and 30,302 tons from French Indo-China.
- (n) Includes imports into the Yukon Territory of 15 tons in July and 8 tons in December.
- (o) Consists of 9,836,110 tons imported from the United States, 67,483 tons from Great Britain, and 20 tons from Norway.
- (p) Consists of 2,605,765 tons from the United States, 1,034,901 tons from Great Britain, 293,602 tons from Germany, and 43,537 tons from French Indo-China.
- (q) Consists of 2,643,588 tons from the United States, and 1,321,274 tons from Great Britain.
- (j) Consists of 2,003,317 tons imported from the United States, 1,134,855 tons imported from Great Britain, 258,257 tons imported from Germany, 8,131 tons imported from Belgium, 154,495 tons imported from Russia, 78 tons imported from Morocco.

Imports of Coal into Ontario, Manitoba, Saskatchewan, Alberta, British Columbia, Yukon and Canada, by months during 1943 (short tons):

BITUMINOUS COAL

Month	Central Ontario	Port Arthur	Fort Frances	Fort William	Total Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Total Man., Sask., Alta., B. C. and Yukon.	Total Canada
January	373,181	.....	.....	.....	380,126	12,035	.....	.....	146	.....	12,181	635,984
February	433,489	.....	.....	.....	443,377	16,779	34	43	243	.....	17,099	867,336
March	543,171	.....	.....	.....	551,948	6,979	42	117	268	.....	7,406	869,669
April	630,529	.....	.....	.....	637,145	3,318	155	75	40	.....	3,588	942,826
May	1,405,709	.....	.....	.....	1,577,570	3,524	.....	92	247	.....	3,863	2,053,894
June	1,818,724	.....	.....	.....	2,163,338	6,191	.....	81	57	.....	6,329	2,748,343
July	1,713,588	.....	.....	.....	2,001,188	5,099	85	221	90	.....	5,495	2,704,586
August	1,976,625	.....	.....	.....	2,498,152	9,651	175	95	32	.....	9,953	3,312,538
September	2,015,785	.....	.....	.....	2,405,021	9,735	158	48	141	.....	10,082	3,162,879
October	1,985,671	.....	.....	.....	2,369,843	8,614	43	98	58	.....	8,813	3,100,577
November	1,526,016	.....	.....	.....	2,024,302	6,759	.....	.....	48	.....	6,807	2,529,588
December	1,102,274	.....	.....	.....	1,313,750	1,609	40	132	241	.....	2,022	1,685,628
Total	15,524,762	.....	.....	.....	18,365,760	90,293	732	1,002	1,611	.....	93,638	24,393,798

ANTHRACITE COAL

Month	Central Ontario	Port Arthur	Fort Frances	Fort William	Total Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Total Man., Sask., Alta., B. C. and Yukon.	Total Canada
January	140,338	.....	.....	.....	141,063	4,307	.....	3	.....	.....	4,310	220,911
February	154,818	.....	.....	.....	154,944	2,785	.....	.....	.....	.....	2,785	266,465
March	234,783	.....	.....	.....	234,783	1,922	.....	.....	.....	.....	1,922	415,505
April	235,836	.....	.....	.....	235,876	1,036	.....	.....	53	.....	1,089	389,647
May	221,922	.....	.....	.....	221,922	571	.....	.....	.....	.....	571	395,070
June	203,600	.....	.....	.....	203,643	491	.....	2	.....	.....	493	372,060
July	176,139	.....	.....	.....	176,139	181	.....	.....	.....	.....	181	358,453
August	255,966	.....	.....	.....	260,994	225	.....	.....	.....	.....	225	439,180
September	235,309	.....	.....	.....	235,139	2,130	.....	.....	.....	.....	2,150	436,948
October	251,139	.....	.....	.....	251,139	1,126	.....	2	.....	.....	1,128	415,275
November	153,601	.....	.....	.....	153,601	1,100	.....	.....	57	.....	1,157	295,608
December	238,573	.....	.....	.....	243,786	442	.....	.....	.....	.....	442	353,397
Total	2,502,024	.....	.....	.....	2,513,199	16,336	.....	7	110	.....	16,453	4,458,519

NOTE.—Figures for Fort Frances, Fort William and Port Arthur not available for the duration.

LIGNITE COAL

January .....	.....	.....	.....	.....	51	4	.....	42	.....	97	97
February .....	.....	.....	.....	.....	33	.....	.....	11	.....	44	44
March	66	.....	.....	.....	3	12	.....	.....	.....	15	15
April .....	.....	66	.....	.....	.....	.....	.....	.....	.....	.....	66
May .....	.....	.....	.....	.....	.....	.....	.....	34	.....	34	34
June .....	.....	.....	.....	.....	.....	.....	.....	12	.....	12	12
July .....	.....	.....	.....	.....	.....	.....	.....	39	.....	39	39
August .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
September .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
October .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
November .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
December .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	66	.....	.....	.....	66	16	.....	166	.....	271	337

TOTAL IMPORTATIONS

Bituminous	15,524,762	.....	.....	.....	18,365,760	90,293	732	1,611	.....	93,638	24,393,798
Anthracite	2,502,024	.....	.....	.....	2,513,199	16,336	.....	110	.....	16,453	4,458,519
Lignite	66	.....	.....	.....	66	87	16	166	.....	271	337
Total	18,026,852	.....	.....	.....	20,879,025	106,716	748	1,887	.....	110,362	28,852,654

NOTE.—Figures for Port Arthur, Fort Frances and Fort William not available for the duration.

MINERAL PRODUCTION OF ALBERTA, 1941 AND 1942

Prepared in the Mining, Metallurgical and Chemical Branch, Ottawa, Canada

	1941		1942	
	Quantity	Value	Quantity	Value
METALLICS:				
Gold, fine ounces	215	\$ 8,277	34	\$ 1,309
Silver, fine ounces	21	8	2	1
NON-METALLICS:				
Coal, short tons	6,969,962	19,382,471	7,754,053	22,624,410
Natural gas, M.cu.ft.	30,905,440	5,175,364	34,482,585	6,146,146
Peat moss, tons	421	5,005	58	1,380
Petroleum, barrels	9,918,577	13,985,906	10,117,073	15,514,665
Salt, tons	16,617	260,995	22,360	335,960
Sodium, sulphate, tons	8	32		
CLAY PRODUCTS AND OTHER				
STRUCTURAL MATERIALS:				
Cement, barrels	492,515	985,030	668,043	1,307,353
Clay products		952,144		1,013,497
Lime:				
Quicklime	17,276	144,556	18,117	148,720
Hydrated, tons	674	6,740	704	7,040
Sand and gravel, tons	956,484	433,504	481,644	218,914
Stone, tons	7,942	24,303	12,028	40,436
Total		\$41,464,385		\$47,359,831

Particulars with reference to the coal-mining industry in the Province of Alberta during the year ending December 31, 1943:

SUMMARY OF STATISTICS

Tonnage stripped by farmers under domestic permits	263
Number of short tons of coal produced	7,677,982
Number of short tons of briquettes made	222,106
Number of short tons of coke produced	67,348
Number of short tons of shale produced	33,932
Number of coal mines in operation during the year	206
Number of mines opened during the year	27
Number of mines re-opened during the year	22
Number of mines closed during the year	27
Number of mines abandoned during the year	17
Number of shale pits in operation during the year	3
Number of mines in operation at Dec. 1st, 1943	180
63 mines or 30.58% of total operating produced	1.93% of the output.
58 mines or 28.16% of total operating produced .....	.33% of the output.
29 mines or 14.08% of total operating produced	8.66% of the output.
21 mines or 10.19% of total operating produced	1.93% of the output.
11 mines or 5.34% of total operating produced	9.76% of the output.
5 mines or 2.43% of total operating produced	8.35% of the output.
5 mines or 2.43% of total operating produced	11.67% of the output.
8 mines or 3.88% of total operating produced	26.41% of the output.
6 mines or 2.91% of total operating produced	30.96% of the output.
Average number of persons employed below ground	6,197
Average number of persons employed above ground	2,439
Number of separate accidents causing loss of life	21
Number of deaths caused by accidents above ground	2
Number of deaths caused by accidents below ground	23
Number of serious accidents above ground	11
Number of serious accidents below ground	62
Number of slight accidents above ground	24
Number of slight accidents below ground	128
Total purchased electrical power (kilowatt hours)	41,431,695
Number of prosecutions instituted	23
Number of Provisional Overman's Certificates issued in 1943	104
Number of Certificates of Competency as Coal Miners in 1943	341
Number of Third Class Certificates issued in 1943	16
Number of Second Class Certificates issued in 1943	7
Number of First Class Certificates issued in 1943	3
Number of Mine Surveyors' Certificates issued in 1943	2
Number of Mine Electricians' Certificates issued in 1943	3
Total number of Third Class Certificates issued to Dec. 31, 1943	1,552
Total number of Second Class Certificates issued to Dec. 31, 1943	518
Total number of First Class Certificates issued to Dec. 31, 1943	266
Total number of Mine Surveyors' Certificates issued to Dec. 31, 1943	199
Total number of Mine Electricians' Certificates issued to Dec. 31, 1943	118
Total number of Interchange First Class Certificates to Dec. 31, 1943	5
Total number of Certificates of Competency as Coal Miners issued to Dec. 31, 1943	17,307

In the following tables the short ton of 2,000 lbs. is used in all cases.

Year	Output in tons for N.W.T. (Alta. & Sask.)	Output in tons for Alberta
1901	346,649	
1902	510,674	
1903	622,939	
1904	782,931	
1905		811,228
1906		1,385,000
1907		1,834,745
1908		1,845,000
1909		2,174,329
1910		3,036,757
1911		1,694,564
1912		3,446,349
1913		4,306,346
1914		3,821,739
1915		3,434,891
1916		4,638,604
1917		4,863,414
1918		6,148,620
1919		5,022,412
1920		6,908,923
1921		5,937,195
1922		5,976,432
1923		6,866,923
1924		5,203,713
1925		5,883,394
1926		6,508,908
1927		6,936,780
1928		7,334,179
1929		7,147,250
1930		5,755,911
1931		4,564,290
1932		4,870,030
1933		4,714,784
1934		4,748,848
1935		5,462,973
1936		5,696,375
1937		5,551,682
1938		5,230,025
1939		5,518,105
1940		6,205,088
1941		6,970,064
1942		7,754,279
1943		7,677,982

PARTICULARS OF WORK DONE IN SHALE MINES IN THE PROVINCE DURING 1943:

Output of shale (in tons) used making bricks	30,432
Output of shale (in tons) making hollow tile	3,500
Number of shifts worked	17,973
Average number of men employed	61
Explosives used (pounds), 40% dynamite	30,791
Explosives used (pounds), monobel	950
Number shots fired using fuse	14,348
Number of shots fired using electric detonators	1,950
Total number of bricks made	11,360,977
Total number of bricks put to stock	67,503
Total number of bricks lifted from stock	245,228
Bricks sold for use in:	
Alberta	5,548,465
British Columbia	1,584,301
Saskatchewan	2,371,621
Manitoba	1,905,461
Ontario	127,954
Total	11,537,802
Hollow tile made (tons)	3,500
Hollow tile put to stock	
Hollow tile sold	4,567
Hollow tile lifted from stock	1,067

PARTICULARS OF WORK DONE BY FARMERS STRIPPING COAL UNDER DOMESTIC PERMIT

Tonnage	263
No. of days worked during the year	99
Number of men employed during the year	44
Total number of shifts worked	129
Total number of permits issued	31
Total number of permits used	18

The above coal was stripped for domestic use only, and not for sale.

1940	.....	2,537,205	.....	598,686	.....	3,069,197	.....	105,926	.....	66,127	.....	70,753
1941	.....	2,713,254	.....	585,453	.....	3,671,357	.....	105,390	.....	126,188	.....	70,354
1942	.....	3,213,113	.....	733,547	.....	3,807,619	.....	107,410	.....	197,905	.....	71,572
1943	.....	3,416,037	.....	791,952	.....	3,469,993	.....	101,132	.....	222,106	.....	67,348

*Includes output from Alberta and Saskatchewan. Previous to 1922 sub-bituminous was included in bituminous coal.

During the year 1909 a strike affecting all the larger mines in the Province, lasted for a period of three months.
 During the year 1911 a strike affecting all the larger mines in the Province, lasted for a period of eight months.
 During the year 1917 a strike affecting all the larger mines in the Province, lasted for a period of three months.
 During the year 1919 a strike affecting all the larger mines in the Province, lasted for a period of three months.
 During the year 1922 a strike affecting all the larger mines in the Province, lasted for a period of five months.
 During the year 1924 a strike affecting all the larger mines in the Province, lasted for a period of six and one-half months.

How total output of DOMESTIC COAL from the Province was disposed of by Areas during 1943:

	Sold for Consumption in					Total Sales	Used under Colliery Boilers	Used by R.R. Colliery	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total Output
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	United States							
Ardley	10,209	5,272	.....	.....	.....	.....	10,209	.....	.....	30	.....	.....	10,239
Big Valley	7,467	.....	.....	.....	.....	.....	12,739	.....	90	7	.....	.....	12,836
Brooks	24,426	.....	4,462	1,367	.....	.....	30,255	126	.....	.....	.....	.....	30,381
Camrose	59,943	600	3,166	.....	.....	.....	63,709	160	.....	520	.....	555	63,834
Carbon	48,325	7,783	7,155	3,698	.....	.....	66,951	1,228	933	1,357	2,078	.....	68,391
Castor	54,941	2,180	326	.....	.....	.....	57,447	480	75	1,762	.....	.....	59,764
Champion	11,716	.....	.....	.....	.....	.....	11,716	.....	.....	60	.....	.....	11,776
Drumheller	326,418	166,471	1,020,354	308,210	38	2,624	1,824,115	11,743	1,140	17,509	10,968	4,801	1,838,738
Edmonton	449,406	1,763	1,066	126	.....	.....	452,361	5,430	.....	253	1,042	.....	457,002
Gleichen	21,269	.....	.....	.....	.....	.....	21,269	.....	.....	100	.....	.....	21,369
Haicourt	1,868	.....	.....	.....	.....	.....	1,868	7	.....	.....	2	.....	1,873
High Prairie	96	.....	.....	.....	.....	.....	96	.....	45	50	.....	.....	191
Lethbridge	234,551	74,667	187,071	56,139	1,152	21,427	575,007	3,966	.....	289	28	.....	579,234
Milk River	2,634	.....	.....	.....	.....	.....	2,634	.....	.....	.....	.....	.....	2,634
Pakowki	419	.....	.....	.....	.....	.....	419	.....	.....	.....	.....	.....	419
Pembina	25,642	19,631	4,884	91	.....	.....	50,248	3,108	.....	255	.....	.....	53,611
Redcliff	10,796	532	14,615	1,750	.....	.....	27,693	.....	.....	.....	.....	.....	28,165
Rochester	7,287	.....	.....	.....	.....	.....	7,287	.....	.....	.....	.....	.....	7,287
Sheerness	22,300	.....	36,071	42	.....	.....	58,413	.....	.....	520	.....	.....	58,933
Taber	12,976	2,318	3,778	580	.....	.....	19,652	215	.....	796	.....	67	20,596
Tofield	53,482	666	28,401	289	.....	.....	84,838	475	.....	.....	.....	.....	85,313
Wetaskiwin	3,272	.....	.....	.....	.....	.....	3,272	.....	67	.....	.....	.....	3,272
Whitecourt	112	.....	.....	.....	.....	.....	112	.....	.....	.....	.....	.....	179
Total	1,391,555	281,883	1,311,349	372,282	1,190	24,051	3,382,310	26,938	2,350	23,508	14,118	5,423	3,416,037

How the total output of SUB-BITUMINOUS COAL was disposed of during 1942:

	Sold for Consumption in:						Sold to Railroad Companies	Total Sales	Used under Boilers	Used by R.R.	Used making Briquettes	Used making Coke	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total Output
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	United States											
Coalspur	36,571	263,546	16,662	52,795			265,713	635,287	42,708	5,250			1,406	31,459	2,828	200	713,082
Pekisko	10,944		200					11,144	658								11,802
Pincher	336							336					9	115	9		1,451
Prairie Creek	738	605						1,343	305				101	180	101		1,828
Saunders	10,861	4,779	21,621	19,949				57,210	7,579								64,789
Total	59,450	268,930	38,483	72,744			265,713	705,320	51,250	5,250			1,516	31,754	2,938	200	791,952

BITUMINOUS COAL

	Sold for Consumption in:						Sold to Railroad Companies	Total Sales	Used under Boilers	Used by R.R.	Making Briquettes	Making Coke	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total Output
	Alberta	British Columbia	Saskatchewan	Manitoba	Ship's Bunkers	United States											
Cascade	16,534	6,944	4,759	27,797			175,958	231,992	19,322	722	90,455		4,891	430	4,336		343,476
Crowsnest	55,058	205,654	93,890	91,862	40,644	348,165	930,304	1,765,577	18,575			101,132	7,114	78,406	6,247		1,962,557
Mountain Park	36,525	101,500	7,131	62,573	8,654	42,411	531,633	790,427	52,942					42			843,411
Nordegg	1,090			110			194,927	196,127	6,267		118,352		873		1,070		320,549
Total	109,207	314,098	105,780	182,342	49,298	390,576	1,832,822	2,984,123	95,106	722	208,807	101,132	12,878	78,878	11,653		3,469,993

How the total output of COAL from the Province was disposed of by months during 1943:

[illegible]

THE MINES BRANCH

How the total output of DOMESTIC COAL was disposed of by months during 1943:

Months	Sold for Consumption in					Total Sales	Used under Colliery Boilers	Used by Colliery R.R.	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total Output
	Alberta	British Columbia	Saskat- chewan	Manitoba	Ontario	United States							
January	164,632	17,671	132,880	36,776	167	2,270	354,396	2,995	85	170	1,807	2,502	356,726
February	146,101	18,401	139,239	40,884	43	1,953	346,621	2,718	60	164	1,838	3,073	348,208
March	129,291	27,544	136,137	44,165	.....	2,465	339,602	2,911	65	210	2,446	404	344,830
April	65,328	23,000	65,643	25,371	43	2,022	181,407	1,937	21	75	1,111	893	183,010
May	64,920	24,786	81,275	28,327	725	978	201,011	1,911	20	70	1,005	1,209	200,635
June	83,153	31,381	93,690	26,025	.....	1,468	235,717	1,736	15	876	1,955	2,011	237,385
July	93,642	37,166	85,027	26,275	.....	1,893	233,993	1,780	20	90	1,754	757	236,204
August	108,170	26,536	108,535	29,383	132	1,793	274,549	1,903	35	45	2,121	252	278,223
September	110,661	25,035	106,701	27,470	.....	1,688	271,595	1,753	33	80	2,307	98	275,287
October	135,080	20,754	113,208	28,866	42	2,247	302,217	2,116	40	160	2,499	856	306,176
November	131,042	17,958	98,690	24,819	.....	2,003	274,482	2,191	45	195	2,439	1,719	277,541
December	159,535	21,671	148,284	33,901	38	3,281	366,710	2,987	33	215	2,226	344	371,812
Total	1,391,555	281,883	1,311,349	372,282	1,190	24,051	3,382,310	26,938	472	2,350	23,508	14,118	3,416,037
% of Total Sales	41.14	8.33	38.77	11.01	.04	.71							

How the total output of SUB-BITUMINOUS COAL was disposed of by months during 1943:

Months	Sold for Consumption in						Sold to Railroad Companies	Total Sales	Used under Colliery Boilers	Used by R.R. Colliery	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total Output
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	United States									
January	5,931	23,740	3,039	7,479			13,721	53,910	4,520	444	281	3,068	12		62,211
February	5,735	27,806	3,403	7,526			15,502	59,372	4,278	445	139	2,652	34		67,452
March	5,696	30,711	2,817	7,303			20,113	66,640	4,742	443		4,402	1,629		74,598
April	3,467	19,061	2,200	5,218			24,341	54,287	4,065	434	67	2,848	3		61,698
May	3,392	16,345	2,304	4,809			30,036	56,886	4,321	432		2,320	68		63,891
June	3,432	17,514	1,570	3,237			30,315	56,068	3,779	436	45	2,320		200	62,448
July	4,180	16,478	2,032	4,235			25,989	52,914	3,423	432	112	2,575	56		59,400
August	4,851	19,366	4,639	5,575			26,206	60,637	4,216	444	57	2,491	252		67,593
September	4,787	25,101	3,477	6,976			21,877	62,218	4,325	428	28	2,979	163		69,815
October	5,045	27,968	4,202	7,928			17,756	62,899	4,526	440	170	2,477	68		70,444
November	6,301	16,931	5,123	3,749			19,041	51,145	4,284	432	34	1,450	563		56,782
December	6,633	27,909	3,677	8,709			20,816	67,744	4,771	440	583	2,172	90		75,620
Total	59,450	268,930	38,483	72,744			265,713	705,320	51,250	5,250	1,516	31,754	2,938	200	791,952
% of Total Sales	8.43	38.13	5.46	10.31			37.67								

Amount of COAL sold during the years 1915 to 1943 (inclusive) for consumption in:

Year	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	North-West Territories	Quebec	United States	To Railroads	Total
1915	2,129,130	54,860	695,898	64,816	.....	.....	.....	25,047	.....	2,969,751
1916	2,866,670	86,413	1,007,765	97,265	.....	.....	.....	61,092	.....	4,119,205
1917	2,813,413	76,397	1,139,771	249,872	.....	.....	.....	93,081	.....	4,372,534
1918	3,440,154	101,189	1,372,439	511,168	629	.....	.....	133,276	.....	5,558,555
1919	2,991,110	95,461	1,115,329	314,290	308	.....	.....	121,212	.....	4,637,710
1920	1,647,202	128,850	1,310,146	600,962	13,911	.....	30	152,610	2,516,555	6,371,266
1921	1,415,861	116,089	1,294,441	495,388	9,898	.....	.....	133,823	2,023,204	5,488,704
1922	1,443,942	107,920	1,371,249	520,518	21,573	.....	102	105,514	2,076,291	5,647,109
1923	1,382,788	108,326	1,223,454	553,649	52,334	.....	.....	83,557	3,110,121	6,514,219
1924	1,431,327	114,186	1,189,788	510,407	16,525	.....	.....	39,142	1,613,574	4,914,949
1925	1,440,032	117,037	1,297,653	509,655	28,831	.....	.....	40,507	2,139,716	5,573,431
1926	1,325,290	127,858	1,296,181	591,267	74,559	.....	221	48,216	2,706,440	6,170,032
1927	1,508,089	187,028	1,427,904	612,542	22,680	.....	.....	45,160	2,759,765	6,653,168
1928	1,409,475	262,198	1,511,141	605,125	44,265	.....	.....	52,265	3,054,239	6,938,708
1929	1,446,555	236,840	1,455,213	588,647	55,647	.....	33	51,625	2,923,827	6,758,075
1930	1,234,382	227,385	1,221,542	541,537	29,784	.....	32	44,291	2,120,237	5,419,190
1931	1,020,694	171,600	1,805,574	442,761	27,036	.....	100	20,434	1,668,451	4,266,660
1932	1,134,311	136,188	1,097,382	497,006	20,583	.....	135	27,366	1,619,921	4,532,892
1933	1,123,357	120,911	1,052,910	449,681	39,437	.....	32	18,449	1,500,061	4,304,838
1934	1,087,898	127,638	986,639	391,132	55,947	31	.....	13,739	1,687,850	4,350,874
1935	1,246,959	221,758	1,120,816	435,813	64,659	.....	.....	24,712	1,960,555	5,075,272
1936	1,356,690	244,928	1,238,730	450,740	65,886	.....	.....	27,397	1,969,569	5,353,940
1937	1,326,054	269,023	1,085,812	437,954	62,521	82	.....	41,328	2,028,389	5,251,163
1938	1,278,932	238,435	1,011,207	413,663	74,111	83	.....	32,507	1,871,852	4,920,800
1939	1,241,618	239,227	1,044,367	409,046	90,206	.....	.....	33,139	2,109,684	5,167,287
1940	1,311,644	237,642	1,019,035	354,857	133,587	14	.....	35,354	2,720,793	5,812,926
1941	1,325,606	304,928	1,052,913	430,663	234,606	.....	.....	32,742	3,090,290	6,481,748
1942	1,474,795	632,222	1,269,669	580,336	231,258	.....	.....	98,197	2,864,586	7,171,063
1943	1,560,212	864,911	1,455,612	627,368	1,190	.....	.....	414,627	2,098,535	7,071,753

NOTE: Previous to 1920 Railroad Coal was included in Sales in Alberta.

NOTE: Included in the above total are 49,298 tons for Ship's Bunkers in 1943.

THE MINES BRANCH

Coal produced by years from 1939 to 1943 inclusive.

DOMESTIC COAL FIELD

Area	1939	1940	1941	1942	1943
Ardley	15,682	17,723	10,916	5,938	10,239
Big Valley	2,441	2,594	4,006	4,708	12,836
Brooks	10,980	11,326	11,446	14,097	30,381
Camrose	54,693	59,646	54,786	47,627	63,834
Carbon	80,033	70,851	57,207	63,750	68,391
Castor	38,109	42,416	43,006	42,482	59,764
Champion	15,273	14,983	13,203	12,369	11,776
Drumheller	1,223,338	1,287,935	1,458,455	1,785,021	1,838,738
Edmonton	470,576	483,924	477,637	514,479	457,002
Gleichen	26,091	23,221	25,642	21,979	21,369
Halcourt	3,003	3,163	3,595	2,403	1,873
High Prairie					191
Lethbridge	329,416	327,817	339,579	470,065	579,234
Magrath	431	305	21		
Milk River	5,961	5,156	3,848	1,368	2,634
Pakan	202	95			
Pakowki	1,438	1,328	635	469	419
Pembina	38,891	50,420	66,746	58,980	53,611
Redcliff	26,094	30,418	25,837	24,696	28,165
Rochester	974	1,965	1,980	3,289	7,287
Sexsmith	95	234	88		
Sheerness	36,709	30,606	39,205	50,490	58,933
Taber	12,731	13,324	14,852	13,191	20,596
Tofield	48,504	51,208	56,485	73,368	85,313
Westlock			1,314		
Wetaskiwin	3,224	3,831	2,546	1,783	3,272
Whitecourt	215	317	219	288	179
No Area	4,095	2,399			
Total	2,449,199	2,537,205	2,713,254	3,213,113	3,416,037

SUB-BITUMINOUS COAL FIELD

Coalspur	360,436	448,619	509,933	658,061	713,082
Morley	107	73			
Pekisko	5,385	5,673	6,977	10,786	11,802
Pincher	1,374	606	823	606	451
Prairie Creek	104,067	100,753	16,988		1,828
Saunders	40,736	42,962	50,732	64,094	64,789
Total	512,105	598,686	585,453	733,547	791,952

BITUMINOUS COAL FIELD

Cascade	194,441	206,732	322,202	337,659	343,476
Crowsnest	1,400,802	1,616,467	2,021,155	2,170,222	1,962,557
Highwood	10	305	700	271	
Mountain Park	810,442	1,011,252	985,751	932,403	843,411
Nordegge	151,106	23,441	341,549	367,064	320,549
Total	2,556,801	3,069,197	3,671,357	3,807,619	3,469,993

Total output of DOMESTIC COAL by areas during each month:

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Ardley	1,312	615	465	31	.....	156	367	588	1,000	1,987	2,520	1,198	10,239
Big Valley	209	136	3,109	666	470	1,085	858	941	1,255	1,175	2,546	1,386	12,836
Brooks	1,633	1,048	721	199	343	526	590	693	1,242	5,049	9,086	9,251	30,381
Camrose	7,209	6,117	5,872	2,059	2,421	2,660	3,653	4,689	4,009	5,263	8,196	11,677	63,834
Carbon	7,791	7,058	6,832	3,544	3,200	3,956	3,626	4,073	3,133	7,826	8,536	8,304	68,391
Castor	8,576	7,058	5,031	846	7,200	546	2,608	4,555	5,638	5,612	8,866	9,683	59,764
Champion	1,499	1,036	998	286	501	843	1,039	1,139	1,259	1,144	1,167	865	11,776
Drumheller	179,044	183,804	190,883	95,123	125,301	143,596	128,228	162,234	159,273	165,182	132,422	173,648	1,838,738
Edmonton	57,482	55,098	52,955	27,331	21,462	27,689	31,297	34,276	29,759	39,153	28,255	52,245	457,002
Gleichen	3,600	3,169	2,207	424	621	1,039	1,285	1,592	1,474	1,636	2,279	2,043	21,369
Halcourt	211	225	391	16	.....	.....	.....	86	18	.....	319	607	1,873
Lethbridge	56,805	54,498	56,111	39,241	35,511	42,445	48,224	48,705	47,755	50,840	42,429	56,670	579,234
Milk River	106	38	49	30	23	38	156	146	628	641	512	267	2,634
Pakowki	.....	.....	101	2	.....	38	36	12	47	63	81	39	419
Pembina	5,294	5,291	5,309	3,495	2,750	4,393	3,919	3,979	4,012	4,541	2,965	7,663	53,611
Redcliff	3,116	2,811	3,251	1,452	1,202	1,563	1,903	2,454	2,623	2,800	2,754	2,236	28,165
Rochester	1,526	1,170	297	60	9	14	8	17	57	248	2,343	1,538	7,287
Sheerness	6,360	5,662	3,642	2,402	2,512	2,840	2,950	4,828	5,812	6,948	8,366	6,611	58,933
Taber	1,233	1,117	858	401	399	1,170	957	2,149	3,411	2,098	6,803	6,803	20,596
Tofield	13,049	11,003	5,401	5,362	3,165	2,779	4,440	3,202	3,834	3,571	10,960	18,547	85,313
Wetaskiwin	620	645	347	40	.....	.....	60	100	310	.....	820	330	3,272
Whitecourt	51	97	.....	.....	.....	.....	.....	.....	.....	.....	21	10	179
High Prairie	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	191	191
Total	356,726	348,208	344,830	183,010	200,635	237,385	236,204	278,223	275,287	306,176	277,541	371,812	3,416,037

Total output of SUB-BITUMINOUS COAL by areas during each month:

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Coalspur	53,990	58,988	65,713	56,211	58,346	59,109	53,685	60,787	63,408	63,300	50,703	68,842	713,082
Pekisko	1,195	1,172	1,139	454	630	1,113	1,159	1,066	1,082	941	1,238	583	11,802
Pincher	83	56	47	6	15	25	10	.....	.....	.....	124	85	451
Prairie Creek	.....	.....	.....	.....	.....	.....	.....	.....	280	.....	529	604	1,828
Saunders	6,943	7,236	7,699	4,997	4,900	2,201	4,546	5,740	5,045	5,674	4,302	5,506	64,789
Total	62,211	67,452	74,598	61,698	63,891	62,448	59,400	67,593	69,815	70,444	56,782	75,620	791,952

Total output of BITUMINOUS COAL by areas during each month:

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Cascade	25,762	28,047	31,877	31,067	28,053	30,564	28,810	25,626	30,623	31,761	20,539	30,747	343,476
Crownsnest	140,816	152,055	192,027	175,014	170,508	182,537	183,251	180,249	170,223	162,737	96,003	157,137	1,962,557
Highwood	58,971	76,292	80,712	88,446	79,459	73,114	75,351	75,876	73,301	64,368	37,829	59,692	843,411
Mountain Park	25,137	28,003	30,993	27,100	26,640	28,811	26,531		53,152	27,575	21,480	25,127	320,549
Nordeggs													
Total	250,686	284,397	335,609	321,627	304,660	315,026	313,943	281,751	327,299	286,441	175,851	272,703	3,469,993

Total output of COAL, COKE and BRIQUETTES during the year:

Coal	669,623	700,057	755,037	566,335	569,186	614,859	609,547	627,567	672,401	663,061	510,174	720,135	7,677,982
Coke	5,034	5,244	6,383	5,829	5,901	5,757	6,144	6,069	5,741	5,686	3,841	5,719	67,348
Briquetties	15,988	17,890	19,697	19,635	18,134	19,549	19,144	18,123	20,393	21,047	14,012	18,494	222,106

Total Sales of SUB-BITUMINOUS COAL for consumption by Railroad Companies:

Coalspur	13,721	15,502	20,113	24,341	30,036	30,315	25,989	26,206	21,877	17,756	19,041	20,816	265,713
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Total Sales of BITUMINOUS COAL for consumption by Railroad Companies:

Cascade	10,157	11,023	14,930	15,931	16,324	19,067	17,177	14,695	17,955	12,922	8,808	16,969	175,958
Crownsnest	67,586	70,257	91,291	82,867	86,409	92,446	86,385	82,153	73,053	79,837	43,308	74,712	930,304
Mountain Park	37,224	45,733	59,758	69,972	50,494	37,007	44,594	43,699	41,250	38,639	21,858	41,405	531,633
Nordeggs	17,199	18,662	20,336	16,962	16,926	17,896	15,477		29,202	14,960	12,514	14,793	194,927
Total	132,166	145,675	186,315	185,732	170,153	166,416	163,633	140,547	161,460	146,358	96,488	147,879	1,832,822
Grand Total	145,887	161,177	206,428	210,073	200,189	196,731	189,622	166,753	183,337	164,114	105,529	168,695	2,098,535

Total amount of Domestic Coal disposed of by areas during each month for consumption in Alberta:

LUMP COAL

	72	84	1,192	66	60	161	156	533	413	139	1,183	415	4,274
Big Valley	1,592	1,000	1,668	177	323	490	570	661	1,148	4,924	8,065	2,418	22,036
Brooks	2,727	2,439	2,229	440	430	524	1,450	1,863	1,854	2,108	3,159	4,153	23,376
Camrose	2,671	2,459	1,715	633	518	935	289	952	953	917	1,067	3,418	16,527
Carbon	2,962	2,298	1,115	136	13	...	1,217	1,842	2,603	2,672	3,390	2,389	21,237
Castor	1,156	812	790	217	365	671	848	923	1,020	902	921	627	9,252
Champion	18,087	17,081	14,706	6,405	8,120	10,787	12,834	14,534	15,985	16,989	14,124	15,376	165,028
Drumheller	18,710	18,741	20,205	7,846	6,749	9,515	10,900	14,379	12,662	16,024	11,908	24,471	172,610
Edmonton	896	779	578	224	288	521	496	640	604	772	467	350	6,615
Gleichen	83	120	283	12	...	...	...	...	16	64	253	533	1,364
Halcourt	11,211	9,712	7,418	3,539	5,144	8,993	11,306	10,712	11,350	12,995	9,135	8,175	109,690
Lethbridge	500	338	241	64	18	41	195	395	442	393	424	1,845	4,896
Pembina	837	447	341	54	215	578	962	1,348	1,228	1,236	1,199	547	8,992
Redcliff	339	270	90	7	5	5	3	6	53	124	64	...	946
Rochester	193	204	126	101	...	12	28	340	1,189	1,730	2,171	571	6,665
Sheerness	489	487	423	127	8	269	129	...	1,502	2,520	1,646	740	8,340
Taber	7,940	4,960	1,251	112	71	70	458	284	1,060	1,262	6,150	10,344	33,962
Tofield .....	...	...	...	...	...	...	...	...	...	...	...	49	49
High Prairie .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	70,465	62,231	53,371	20,160	22,327	33,572	41,841	49,712	54,062	65,771	65,326	77,003	615,841

THE MINES BRANCH

MINE-RUN COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Ardley	1,307	611	463	31	.....	156	367	588	1,000	1,952	2,520	1,198	10,193
Big Valley	135	50	50	.....	.....	.....	.....	.....	.....	35	50	159	479
Brooks .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Canro-e	454	166	79	.....	.....	533	.....	.....	.....	186	1,756	366	3,540
Carbon	2,192	1,648	780	52	82	222	1,340	1,537	1,597	3,788	4,871	1,240	19,329
Castor	3,201	4,430	3,449	547	389	405	921	2,184	2,550	2,658	4,472	5,558	33,064
Champion .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Drumheller	431	192	160	434	178	382	509	400	750	1,022	1,119	1,193	6,770
Edmonton	9,829	9,110	7,824	6,808	6,383	6,916	8,213	6,752	4,766	7,402	5,023	5,180	84,306
Gleichen	1,964	1,829	1,149	124	229	368	732	894	800	728	1,384	1,352	11,353
Halcourt	106	88	81	.....	.....	.....	.....	.....	.....	.....	.....	.....	255
Lethbridge	1,325	714	595	202	279	636	1,056	827	1,180	1,070	815	548	9,247
Milk River	106	38	49	30	23	38	156	146	628	641	512	267	2,634
Pakowki .....	.....	.....	101	2	.....	38	36	12	47	63	81	39	419
Pembina	311	511	234	934	905	855	528	725	854	1,082	708	3,470	11,117
Redcliff	48	47	.....	644	93	138	85	44	181	132	92	.....	1,504
Rochester	1,011	710	137	.....	4	1	3	2	16	83	2,159	1,497	5,623
Sheerness	1,261	728	884	1,114	555	1,234	1,013	1,827	1,535	1,252	1,656	1,514	14,573
Taber	206	132	132	78	.....	282	88	.....	.....	.....	.....	46	964
Tofield	1,433	1,873	1,281	4,032	1,884	1,307	1,537	1,017	1,135	950	1,988	2,087	20,524
Wetaskiwin	410	430	245	30	.....	.....	60	90	200	.....	560	220	2,245
Whitecourt	51	40	.....	.....	.....	.....	.....	.....	.....	.....	11	10	112
High Prairie .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	8
Total	27,881	23,347	17,763	15,062	11,004	13,511	16,644	17,045	17,239	23,024	29,777	26,252	238,459

NUT COAL

Ardley	5	4	2	32	37	27	17	50	54	59	47	11
Big Valley			331					1977	1496	872	928	654
Brooks	2,953	2,485	2,553	1,182	1,115	918	1,533	230	232	2,009	2,653	1,918
Camrose	1,070	1,415	1,269	576	513	542	179	366	282	311	1,145	22,891
Carbon	105	70	30					30	88	126	72	7,758
Castor	293	180	188	69	119	162	183	203	232	188	139	2,138
Champion	8,212	8,625	8,832	4,072	5,006	6,476	5,616	8,674	7,879	5,569	7,555	81,334
Drumheller	17,519	16,272	14,563	7,099	4,903	6,913	6,968	7,093	6,953	6,532	11,831	115,782
Edmonton	542	495	383	54	81	118	35	30	46	304	255	2,449
Gleichen	15	10	16	4					2	16	58	173
Halcourt	4,418	4,185	4,275	2,639	2,986	4,237	4,318	4,105	3,871	2,841	3,733	45,650
Lethbridge	694	759	504	304	321	321	237	233	244	292	370	4,706
Pembina	9	8			1	3	10	10	58	29	33	194
Redcliff	47	49	18	50		2				20	12	199
Sheerness	109	65					54	41	158	110	120	788
Taber	366	380	210	87	24	160	325		403	601	200	3,056
Tofield	224	164	55	3				11	28	178	174	901
Wetaskiwin	210	215	102	10				10	110	260	110	1,027
High Prairie											39	39
Total	36,791	35,381	33,339	16,231	15,129	19,879	19,505	23,733	21,998	24,731	19,976	295,326

SLACK COAL

Ardley	5	44	20	123	93	186	131	196	194	499	189	5
Big Valley		36	41	9		25	10	23	39	134	65	2,060
Brooks	41	1,069	938	297	318	125	319	747	804	656	2,839	472
Camrose	1,204	630	676	449	620	261	84	55	114	207	986	10,136
Carbon	470											4,711
Castor	50	44	20		17	10	8	13	7	58	39	326
Champion	7,654	7,278	6,360	3,904	7,447	5,636	5,333	5,992	5,384	3,702	5,192	70,286
Drumheller	10,463	10,128	9,842	4,691	2,975	3,790	4,498	4,878	4,848	4,405	10,160	76,708
Edmonton	148	66	47	22	23	32	22	28	24	124	86	652
Gleichen	6	4	31							14	16	76
Halcourt	7,820	4,274	4,765	4,339	4,908	5,992	4,953	6,731	5,924	5,783	6,654	69,964
Lethbridge	1,466	1,332	1,628			47	2	4	1	152	291	4,923
Pembina	2	10	52	3	11	1	16	4	16	21	9	106
Redcliff	129	141				6	274	9	8	108	40	519
Rochester												274
Sheerness	42	75	59	38	39	40				148	81	616
Taber		55				40						95
Tofield												
Wetaskiwin												
Total	29,495	25,142	24,908	13,875	16,460	16,191	15,652	18,680	17,362	21,554	15,963	241,929

Total amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in Alberta:

LUMP COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Coalspur	2,682	2,703	2,426	1,355	1,231	868	757	1,622	1,763	1,688	1,823	3,032	21,950
Pekisko	23	36	20	38	12	168	168	244	239	84	252	22	1,100
Pincher	60	35	38	3	377	206	168	580	271	548	594	81	274
Saunders	461	663	547	535	.....	.....	.....	.....	271	59	52	314	5,264
Prairie Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	153	264
Total	3,226	3,437	3,031	1,893	1,608	1,086	1,093	2,446	2,273	2,379	2,802	3,578	28,852

MINE-RUN COAL

Coalspur	103	82	92	68	73	71	66	62	487	736	912	851	3,603
Pekisko	997	965	946	384	555	999	720	478	560	699	732	506	8,541
Saunders	117	136	64	82	54	118	74	52	58	97	64	58	974
Total	1,217	1,183	1,102	534	682	1,188	860	592	1,105	1,532	1,708	1,415	13,118

NUT COAL

Coalspur	796	606	1,026	429	519	442	955	565	596	327	916	825	8,002
Pekisko	35	71	73	.....	.....	32	213	295	236	114	207	25	1,303
Pincher	13	4	6	4	.....	.....	.....	.....	219	322	23	12	62
Saunders	504	364	268	290	233	114	185	527	20	200	284	347	3,657
Prairie Creek	.....	.....	.....	.....	.....	.....	.....	.....	20	44	74	74	338
Total	1,248	1,045	1,373	723	752	588	1,355	1,387	1,071	963	1,474	1,283	13,362

SLACK COAL

Coalspur	.....	.....	87	272	317	537	833	331	245	3	206	185	3,016
Pekisko	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	140	70	103	45	33	33	39	95	73	168	67	100	966
Prairie Creek	.....	.....	.....	.....	.....	.....	.....	.....	20	44	72	72	136
Total	140	70	190	317	350	570	872	426	338	171	317	357	4,118

Total amount of Bituminous Coal disposed of by areas during each month for consumption in Alberta:

LUMP COAL

Cascade	243	126	117	141	44	42	85	73	176	184	148	134	1,513
Crowsnest	213	229	115	44	17	119	118	11	250	45	45	1,161	1,161
Mountain Park	343	236	222	145	111	197	119	70	202	251	254	253	2,403
Nordegg .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	799	591	454	330	172	358	322	154	628	435	447	387	5,077

MINE-RUN COAL

Cascade .....	.....	2,550	3,184	1,192	1,927	1,940	1,739	2,125	2,900	2,866	2,550	2,952	5
Crowsnest	5,222	6,123	6,126	4,114	5,495	1,083	299	1,726	200	523	609	324	31,147
Mountain Park	1,323	96	54	28	23	25	10	.....	97	55	59	70	27,945
Nordegg	115	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	632
Total	6,660	8,769	9,369	5,334	7,445	3,048	2,048	3,851	3,197	3,444	3,218	3,346	59,729

NUT COAL

Cascade	796	594	636	588	248	416	342	492	342	353	248	272	5,327
Crowsnest	542	230	295	500	242	335	669	536	441	166	86	280	4,322
Mountain Park	423	399	626	613	501	468	591	308	417	632	344	444	5,766
Nordegg	179	124	81	28	46	.....	.....	.....	.....	.....	.....	.....	458
Total	1,940	1,347	1,638	1,729	1,037	1,219	1,602	1,336	1,200	1,151	678	996	15,873

SLACK COAL

Cascade	696	699	763	476	643	876	411	721	820	1,105	1,236	1,243	9,689
Crowsnest	2,397	2,596	3,555	143	125	934	796	211	772	1,002	1,751	4,146	18,428
Mountain Park .....	.....	45	.....	.....	279	85	.....	.....	1	.....	.....	1	411
Total	3,093	3,340	4,318	619	1,047	1,895	1,207	932	1,593	2,107	2,987	5,390	28,528

Total amount of Domestic Coal disposed of by Areas during each month for consumption in British Columbia:

LUMP COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Big Valley			140	224	117	336	234		173		96	262	1,532
Camrose				130	253	177							560
Carbon	180	190	540	851	853	136						317	3,067
Castor					120		110	164	140	7,637	322	138	994
Drumheller	6,889	6,473	7,365	4,603	7,028	9,687	7,892	8,634	9,807	7,637	6,666	7,561	90,242
Edmonton			882	174		134	131	215	90	47		43	1,763
Lethbridge	2,879	3,329	7,614	6,356	4,933	5,570	4,401	4,319	3,038	2,451	2,232	3,954	51,076
Pembina	502	602	683	731	742	1,313	695	697	95	318	91	627	7,096
Redcliff			532										532
Sheerness													
Taber		82			120	240	300					1,160	1,820
Tofield	41											161	284
Total	10,491	10,676	16,921	13,777	14,340	17,593	13,763	14,029	13,343	10,453	9,407	14,223	159,016

MINE-RUN COAL

Castor	80	120	161	120	180	120	200	40	40		80	45	1,186
Drumheller								55	356	762	713	541	2,427
Lethbridge								41	85		125		336
Pembina	241	438	358	763	508	1,311	1,258	1,364	1,823	1,906	897	406	11,273
Redcliff													
Tofield	41	85	43		43	41	1,412	1,128		43	44	42	382
Carbon										720	1,260		4,520
Taber												413	413
Total	362	643	562	883	731	1,472	2,870	2,628	2,304	3,516	3,119	1,447	20,537

NUT COAL

Big Valley	855	221	163	375	320	362	421	659	314	3,690
Carbon	4,132	3,554	46	3,969	3,036	3,599	3,994	3,357	45	136
Drumheller	3,776	3,554	3,573	3,969	3,036	3,599	3,994	3,357	3,152	42,024
Edmonton	1,606	1,523	1,276	1,138	1,721	1,355	859	750	827	14,930
Lethbridge	2,178	1,523	1,276	1,138	1,721	1,355	859	750	827	925
Pembina	259	.....	.....	.....	86	48	44	181	88	40
Canrose .....	.....	.....	.....	.....	.....	.....	.....	.....	40	.....
Total	5,382	7,424	5,343	5,058	5,163	5,364	5,318	4,288	3,820	61,745

SLACK COAL

Carbon	1,216	2,039	2,016	3,808	6,008	3,765	3,401	2,009	60	60
Drumheller	1,459	.....	.....	.....	4,045	3,765	3,401	2,009	1,123	31,178
Edmonton	726	598	893	849	714	750	669	488	409	8,325
Lethbridge	442	.....	88	.....	112	.....	.....	.....	.....	337
Pembina	42	.....	.....	.....	85	.....	.....	.....	.....	85
Taber .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	2,185	2,637	2,997	4,657	6,834	4,515	4,070	2,497	1,592	40,585

Total amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in British Columbia:

LUMP COAL

Coalspur	15,766	14,761	18,207	11,691	10,907	11,092	10,397	12,534	13,480	14,850	9,993	15,986	159,664
Saunders .....	.....	1,286	1,704	.....	90	81	.....	.....	127	82	125	43	3,538
Prairie Creek .....	.....	.....	.....	.....	.....	.....	.....	.....	40	170	175	180	565
Total	15,766	16,047	19,911	11,691	10,997	11,173	10,397	12,534	13,647	15,102	10,293	16,209	163,767

MINE-RUN COAL

Coalspur	174	528	2,783	2,839	1,357	1,702	9,383
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NUT COAL

Areas	Jan	Feb.	Mar.	April	May	June	July	Aug	Sept.	Oct.	Nov.	Dec.	Total
Coalspur	6,665	9,706	9,003	6,404	4,416	5,386	5,202	5,033	7,320	8,157	3,662	8,938	79,892
Saunders		320	104			35			31	40		33	523
Prairie Creek													40
Total	6,665	10,026	9,107	6,404	4,416	5,421	5,202	5,033	7,320	8,228	3,662	8,971	80,455

SLACK COAL

Coalspur	1,309	1,437	1,306	966	932	920	705	1,271	1,316	1,799	1,619	1,027	14,607
Saunders		296	387						55				718
Total	1,309	1,733	1,693	966	932	920	705	1,271	1,351	1,799	1,619	1,027	15,325

Total amount of Bituminous Coal disposed of by areas during each month for consumption in British Columbia:

LUMP COAL

Cascade	1,049	1,552	1,696	2,958	1,870	952	4,495	90	2,786	2,749	47	708	137
Crowsnest	804	1,331	939	1,359	1,001	1,423	1,904	1,669	2,297	1,979	1,114	776	25,255
Mountain Park													16,596
Total	1,853	2,883	2,635	4,317	2,871	2,375	6,399	5,271	5,083	4,728	2,089	1,484	41,988

MINE-RUN COAL

Cascade	191	85	174	104			53	172	51		146		981
Crowsnest	8,026	7,451	10,467	10,441	6,957	8,473	7,582	10,958	9,603	5,881	1,868	4,150	91,857
Mountain Park	9,222	12,263	4,391	3,338	9,851	6,991	2,749	2,265	1,812	912	185	144	54,123
Total	17,439	19,799	15,032	13,883	16,808	15,464	10,389	13,395	11,466	6,793	2,199	4,294	146,961

NUT COAL

Cascade	290	251	468	711	83	131	467	211	476	1,516	845	377	5,826
Crowsnest	966	1,462	2,085	1,997	880	1,132	777	805	2,345	755	228	495	13,927
Mountain Park	723	1,454	995	1,592	972	1,095	1,083	914	1,108	1,004	459	835	12,234
Total	1,979	3,167	3,548	4,300	1,935	2,358	2,327	1,930	3,929	3,275	1,532	1,707	31,987

SLACK COAL

Cascade	5,866	7,606	6,794	7,562	5,994	5,974	6,432	7,733	6,267	5,263	3,919	5,205	74,615
Crowsnest	677	484	482	386	1,507	2,234	2,400	2,412	3,281	2,790	1,028	866	18,547
Total	6,543	8,090	7,276	7,948	7,501	8,208	8,832	10,145	9,548	8,053	4,947	6,071	93,162

Total amount of Domestic Coal disposed of by areas during each month for consumption in Saskatchewan:

LUMP COAL

Ardley	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,983
Brooks	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,871
Camrose	.....	41	86	.....	253	341	86	87	.....	41	476	.....	1,226
Carbon	.....	133	83	42	83	399	45	45	.....	47,679	37,492	.....	526,517
Drumheller	.....	54,773	56,764	25,536	34,959	41,598	34,808	46,082	43,535	.....	.....	.....	809
Edmonton	.....	126	87	128	41	39	82	86	45	.....	.....	.....	127,537
Lethbridge	.....	14,773	13,929	12,147	7,318	6,228	6,998	9,640	10,380	11,080	9,968	17,024	4,138
Penbina	.....	1,039	945	1,107	361	93	273	45	141	154	515	599	4,393
Redcliff	.....	559	179	443	89	129	218	134	419	350	1,561	1,808	12,547
Sheerness	.....	2,514	2,279	1,138	42	84	182	811	766	1,315	41	3,460	3,621
Taber	.....	36	755	208	42	123	244	335	583	762	1,513	4,027	9,460
Tofield	.....	868	.....	.....	.....	.....	.....	.....	.....	.....	.....	48	.....
Castor	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	71,368	73,540	71,980	33,648	41,826	49,762	43,990	57,220	55,869	61,650	51,566	84,731	697,150

THE MINES BRANCH

MINE-RUN COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Camrose	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,215	45	405	1,665
Carbon	.....	.....	.....	.....	.....	.....	.....	.....	.....	85	193	824	278
Castor	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	522	.....	8,020
Drumheller	373	789	825	516	829	553	470	933	908	478	.....	.....	.....
Lethbridge	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pembina	.....	.....	.....	.....	.....	.....	186	131	43	.....	.....	.....	360
Redcliff	595	366	652	375	223	271	89	316	135	180	232	443	3,502
Sheerness	1,001	1,235	714	.....	1,193	500	542	308	417	724	1,009	1,184	9,274
Taber	.....	.....	.....	.....	44	.....	.....	.....	.....	.....	.....	.....	44
Tofield	2,350	3,004	2,513	1,123	1,142	1,135	2,176	1,490	1,003	465	978	1,562	18,941
Total	4,319	5,394	4,704	2,014	3,431	2,459	3,463	3,250	2,506	3,062	2,871	4,611	42,084

NUT COAL

Brooks	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	479	479
Camrose	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	42	295
Carbon	39	302	391	298	42	41	45	.....	.....	43	47	90	1,296
Drumheller	27,814	27,150	29,160	14,296	18,410	21,537	18,379	25,029	23,514	24,919	19,513	25,686	275,407
Edmonton	.....	.....	.....	47	.....	44	42	.....	.....	.....	.....	.....	257
Lethbridge	81	43	4,590	3,199	3,102	2,908	3,312	3,631	4,109	3,536	3,602	4,941	47,130
Pembina	4,756	5,444	.....	.....	.....	.....	.....	105	.....	.....	.....	.....	386
Redcliff	77	82	43	.....	.....	42	37	.....	.....	.....	.....	.....	.....
Sheerness	1,015	902	612	529	568	817	847	1,003	1,348	1,361	1,338	1,127	11,467
Total	33,872	33,923	34,837	18,369	22,122	25,434	22,697	29,768	28,971	29,859	24,500	32,365	336,717

SLACK COAL

[illegible]

Total amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in Saskatchewan:

LUMP COAL

[illegible]

MINE-RUN COAL

[illegible]

NUT COAL

	495	760	256	407	311	388	75	1,655	736	967	1,886	722	8,658
Coalspur .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tekisko	556	482	698	330	561	166	466	610	524	399	179	418	5,389
Saunders .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	1,051	1,242	954	737	872	554	541	2,265	1,260	1,366	2,065	1,140	14,047

[illegible][illegible][illegible]

	495	760	256	407	311	388	75	1,655	736	967	1,886	722	8,658
Coalspur .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tekisko	556	482	698	330	561	166	466	610	524	399	179	418	5,389
Saunders .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	1,051	1,242	954	737	872	554	541	2,265	1,260	1,366	2,065	1,140	14,047

SLACK COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Coalspur	44	294	.....	336	277	336	201	521	179	399	370	496	3,117
Saunders	682	560	687	.....	225	78	386	468	499	514	377	450	5,262
Total	726	854	687	336	502	414	587	989	678	913	747	946	8,379

Total amount of Bituminous Coal disposed of by areas during each month for consumption in Saskatchewan:

LUMP COAL

Cascade	41	.....	.....	.....	47	.....	.....	616	47	48	47	49	279
Crowsnest	671	603	361	44	88	447	684	616	838	750	374	1,042	6,518
Mountain Park	45	45	46	93	.....	.....	45	.....	.....	.....	.....	47	321
Total	757	648	407	137	135	447	729	616	885	798	421	1,138	7,118

MINE-RUN COAL

Cascade	127	.....	.....	.....	.....	.....	.....	43	44	45	44	.....	303
Crowsnest	1,476	1,925	615	420	1,063	1,901	2,241	1,929	4,247	2,015	1,477	1,862	21,171
Mountain Park	527	173	138	90	239	279	88	92	236	42	95	48	2,047
Total	2,003	2,225	753	510	1,302	2,180	2,329	2,064	4,527	2,102	1,616	1,910	23,521

NUT COAL

Cascade	268	386	254	83	.....	44	303	177	219	1,209	1,068	166	4,177
Crowsnest	885	1,514	1,225	608	929	600	692	643	616	560	237	481	8,990
Mountain Park .....	.....	.....	101	232	.....	.....	.....	.....	.....	49	256	.....	638
Total	1,153	1,900	1,580	923	929	644	995	820	835	1,818	1,561	647	13,805

SLACK COAL

Cascade	5,332	6,254	5,806	5,604	5,341	6,864	7,320	5,813	4,284	2,559	980	1,054	57,211
Crownsnest	230	143	703	725	154	349	427	395	424	279		296	4,125
Mountain Park													
Total	5,562	6,397	6,509	6,329	5,495	7,213	7,747	6,208	4,708	2,838	980	1,350	61,336

Total amount of Domestic Coal disposed of by areas during each month for consumption in Manitoba:

LUMP COAL

Brooks	250	259	904	248	370	299				41		1,367	1,367
Carbon	21,093	22,038	25,036	13,890	16,000	14,961	16,039	19,197	17,644	19,219	15,243	170	2,541
Drumheller			30				40					20,323	220,683
Edmonton	3,034	4,556	5,129	5,097	3,508	2,315	3,169	2,834	2,145	2,487	2,702	3,436	40,412
Lethbridge													
Pembina	248	544	327	183	227	88		43					1,660
Redcliff	42												42
Sheerness	85					38		40			84		247
Tofield												580	580
Taber													
Total	24,752	27,397	31,426	19,418	20,105	17,701	19,248	22,114	19,789	21,747	18,029	25,876	267,602

MINE-RUN COAL

Camrose													
Carbon													495
Drumheller	120	124	215	43	124	43		124	384	270	225	86	1,263
Edmonton										45			45
Pembina													
Redcliff											48	42	90
Sheerness													
Tofield	42												42
Total	162	124	215	43	124	43		124	384	315	273	128	1,935

NUT COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Camrose	45	91	101	88	93	15	45					45	523
Carbon	7,877	7,943	6,658	2,909	4,447	5,545	4,820	5,729	5,826	5,829	5,425	6,424	69,432
Drumheller	11	11	11	11	11	11	11	11	11	11	11	11	11
Edmonton	1,249	1,300	1,293	904	346	818	1,093	970	1,078	905	901	1,428	12,285
Lethbridge							91						91
Pembina													
Total	9,171	9,334	8,063	3,901	4,886	6,378	6,049	6,699	6,904	6,734	6,326	7,897	82,342

SLACK COAL

Carbon			86	43									129
Drumheller	2,691	3,580	2,672	1,875	3,118	1,903	487	225		90	191		16,832
Edmonton		449	1,703	91	94		491	221	393				3,442
Lethbridge													
Total	2,691	4,029	4,461	2,009	3,212	1,903	978	446	393	90	191		20,403

Total amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in Manitoba:

LUMP COAL

Coalspur	2,576	3,685	4,207	2,495	1,466	1,628	1,578	2,274	3,379	4,258	1,351	4,190	33,087
Saunders	1,618	703	850	1,284	1,388	430	1,363	1,063	935	980	989	1,235	12,838
Total	4,194	4,388	5,057	3,779	2,854	2,058	2,941	3,337	4,314	5,238	2,340	5,425	45,925

MINE-RUN COAL

Saunders	38	18	67	55			45	41			35		299
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NUT COAL

Coalspur	1,330	1,664	1,041	463	627	453	316	1,307	1,319	1,298	824	1,569	12,211
Saunders	386	98	192	231	378	135	223	149	273	313	301	378	3,057
Total	1,716	1,762	1,233	694	1,005	588	539	1,456	1,592	1,611	1,125	1,947	15,268

SLACK COAL

Coalspur	1,034	1,154	841	302	564	454	482	320	741	731	.....	874	7,497
Saunders	497	204	105	388	386	137	228	421	329	348	249	463	3,755
Total	1,531	1,358	946	690	950	591	710	741	1,070	1,079	249	1,337	11,252

Total amount of Bituminous Coal disposed of by areas during each month for consumption in Manitoba:

LUMP COAL

Cascade	89	123	102	109	.....	.....	.....	45	92	147	193	96	996
Crowsnest	1,654	2,576	2,142	1,435	784	821	1,057	1,272	1,088	1,314	786	1,087	16,016
Mountain Park .....	.....	47	.....	.....	46	174	87	136	88	.....	45	.....	623
Total	1,743	2,746	2,244	1,544	830	995	1,144	1,453	1,268	1,461	1,024	1,183	17,635

MINE-RUN COAL

Cascade	828	1,166	130	96	.....	.....	88	225	309	708	45	88	3,683
Crowsnest	1,235	883	192	92	132	515	1,326	3,670	2,683	1,193	1,012	385	13,288
Mountain Park	225	363	401	166	272	458	616	500	234	223	96	47	3,601
Nordegg	31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	31
Total	2,319	2,382	723	354	404	973	2,030	4,395	3,226	2,124	1,153	520	20,603

NUT COAL

Areas	Jan.	Feb.	Mar.	April*	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Cascade	2,086	3,476	3,092	2,539	802	171	1,019	927	1,248	3,204	1,444	1,394	21,502
Crowsnest	2,382	704	338	434	373	231	415	809	396	278	158	272	6,790
Mountain Park	1,985	2,405	1,038	1,312	1,980	1,764	2,158	2,574	2,134	1,081	514	520	19,465
Nordeg	40	39	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	79
Total	6,493	6,624	4,468	4,285	3,155	2,166	3,592	4,310	3,878	4,563	2,116	2,186	47,836

SLACK COAL

Cascade	159	124	206	83	40	.....	125	173	168	375	82	81	1,616
Crowsnest	7,443	7,947	7,381	6,557	4,992	3,665	4,787	3,806	2,826	1,259	1,770	3,335	53,768
Mountain Park	650	747	.....	.....	2,381	4,498	5,511	6,754	6,325	5,901	3,766	2,351	38,854
Total	8,252	8,818	7,587	6,640	7,413	8,163	10,423	10,733	9,319	7,535	5,618	5,767	96,268

Total amount of Domestic Coal disposed of by areas during each month for consumption in Ontario:

LUMP COAL

Carbon	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Drumheller	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Edmonton	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lethbridge	167	43	.....	43	725	.....	.....	132	.....	42	.....	.....	1,152
Total	167	43	.....	43	725	.....	.....	132	.....	42	.....	38	1,190

Total amount of Bituminous Coal disposed of by areas during each month for consumption in Ship's Bunkers:

MINE-RUN COAL

Crowsnest	.....	.....	4,065	.....	4,624	6,193	4,549	4,619	4,702	1,403	.....	.....	30,155
Mountain Park	.....	.....	.....	.....	.....	.....	.....	.....	8,654	.....	.....	.....	8,654
Total	.....	.....	4,065	.....	4,624	6,193	4,549	4,619	13,356	1,403	.....	.....	38,809

NUT COAL									
Crowsnest		3,412	4,058						7,470
SLACK COAL									
Crowsnest						1,564	790	665	3,019
Total amount of Domestic Coal disposed of by areas during each month for consumption in United States:									
LUMP COAL									
Carbon									
Drumheller	81	162	84	84	42	82	208	207	1,806
Lethbridge	898	769	1,013	1,106	423	709	543	886	9,942
Total	979	931	1,097	1,190	465	791	751	1,093	11,748
NUT COAL									
Carbon									
Drumheller			130	42	87	83	85	86	818
Lethbridge	1,245	1,022	1,190	790	426	594	852	1,154	11,391
Total	1,245	1,022	1,320	832	513	677	937	1,154	12,209
SLACK COAL									
Drumheller									
Lethbridge	46		48						94
Total amount of Bituminous Coal disposed of by areas during each month for consumption in United States:									
LUMP COAL									
Crowsnest	1,950	2,643	3,574	1,464	2,499	2,457	3,766	6,638	47,245
Mountain Park									516
Total	1,950	2,643	3,574	1,464	2,499	2,457	3,766	6,638	47,761

MINE-RUN COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crowsnest	2,298	1,701	10,684	20,396	14,214	15,472	13,326	10,932	11,400	7,051	6,307	13,970	127,751
Mountain Park	.....	.....	.....	.....	.....	10,675	8,444	8,181	483	5,814	2,577	5,721	41,895
Total	2,298	1,701	10,684	20,396	14,214	26,147	21,770	19,113	11,883	12,865	8,884	19,691	169,646

NUT COAL

Crowsnest	2,043	8,435	4,278	3,623	6,408	1,410	1,485	1,052	456	674	1,069	243	31,176
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SLACK COAL

Crowsnest	6,485	6,718	10,102	7,476	6,712	11,726	14,922	13,032	15,604	19,464	12,474	17,278	141,993
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Amount of Domestic Coal used under Colliery Boilers by areas during each month:

Brooks	.....	12	12	13	11	11	10	9	11	11	15	11	126
Camrose	15	15	15	10	10	10	15	15	15	15	10	15	160
Carbon	133	120	131	80	88	97	91	94	38	102	121	133	1,228
Castor	25	23	18	.....	.....	.....	72	74	70	68	66	64	480
Champion	.....	1,167	1,320	757	910	763	719	920	819	995	951	1,241	11,743
Drumheller	1,181	605	619	418	337	350	415	373	374	380	363	474	5,430
Edmonton	722	3	2	.....	.....	.....	.....	.....	.....	1	.....	.....	7
Lethbridge	556	506	492	314	194	162	167	161	175	285	409	545	3,996
Pembina	337	242	252	250	256	258	236	232	226	234	231	354	3,108
Taher	.....	.....	.....	45	80	60	30	.....	.....	.....	.....	.....	215
Tofield	25	25	50	50	25	25	25	25	25	25	25	150	475
Total	2,995	2,718	2,911	1,937	1,911	1,736	1,780	1,903	1,753	2,116	2,191	2,987	26,938

Amount of Sub-Bituminous Coal used under Colliery Boilers by areas during each month:

Coalspur	3,651	3,403	3,762	3,412	3,695	3,313	2,343	3,586	3,646	3,788	3,652	3,957	42,708
Pekisko	60	60	60	60	75	70	56	49	47	44	47	30	658
Prairie Creek	809	815	920	593	551	396	524	581	612	634	100	125	305
Saunders											485	659	7,579
Total	4,520	4,278	4,742	4,065	4,321	3,779	3,423	4,216	4,325	4,526	4,284	4,771	51,250

Amount of Bituminous Coal used under Colliery Boilers by areas during each month:

Cascade	1,787	1,537	1,751	1,518	1,460	1,575	1,560	1,530	1,576	1,830	1,313	1,885	19,322
Crowsnest	1,959	1,719	2,022	1,470	1,149	990	931	974	980	1,195	1,516	1,670	16,575
Highwood													
Mountain Park	4,570	4,301	4,746	4,309	4,134	4,334	4,236	4,181	4,156	4,249	4,629	5,098	52,942
Nordegg	589	519	1,064	307	344	414	397		887	567	529	650	6,267
Total	8,905	8,076	9,583	7,604	7,087	7,313	7,124	6,685	7,598	7,841	7,987	9,303	95,106

Amount of Domestic Coal used by Colliery Railroads by areas during each month:

Redcliff	85	60	65	21	20	15	20	35	33	40	45	33	472
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Amount of Sub-Bituminous Coal used by Colliery Railroads by areas during each month:

Coalspur	444	445	443	434	432	436	432	444	428	440	432	440	5,250
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Amount of Bituminous Coal used by Colliery Railroads by areas during each month:

Cascade	70	65	75	70	60	65	65	66	50	52	32	52	722
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Amount of Bituminous Coal used making Briquettes:

Cascade	7,920	8,244	8,930	8,617	8,256	8,032	7,093	5,908	6,885	7,747	4,856	7,967	90,455
Crowsnest	6,991	8,511	9,476	9,675	9,566	10,186	10,787		23,400	11,903	8,408	9,449	118,352
Nordegg													
Total	14,911	16,755	18,406	18,292	17,822	18,218	17,880	5,908	30,285	19,650	13,264	17,416	208,807

Amount of Bituminous Coal used making Coke:

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crowsnest	7,881	8,030	9,132	8,744	8,843	8,680	9,216	8,990	8,672	8,844	5,371	8,729	101,132

Amount of Domestic Coal Put to Stock by areas during each month:

Big Valley	50	47	90	75	70	756	90	45	80	15	10	30	90
Carbon	120	60	25	95	70	120	90	45	80	145	175	65	933
Drumheller .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	75	1,140
Castor .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	75
Lethbridge .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pembina .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rochester .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Whitecourt .....	.....	57	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	67
High Prairie .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	45	45
Total	170	164	210	75	70	876	90	45	80	160	195	215	2,350

Amount of Sub-Bituminous Coal Put to Stock by areas during each month:

Coalspur	281	130	.....	67	.....	45	11	57	28	170	34	583	1,406
Pincher .....	.....	9	.....	.....	.....	.....	101	.....	.....	.....	.....	.....	9
Saunders .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	101
Total	281	139	.....	67	.....	45	112	57	28	170	34	583	1,516

Amount of Bituminous Coal Put to Stock by areas during each month:

Cascade	125	106	305	281	302	427	408	456	484	760	652	585	4,891
Crowsnest	331	224	1,211	43	553	970	373	424	674	1,261	1,050	.....	7,114
Highwood .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nordegg	18	65	25	100	.....	290	.....	.....	.....	90	60	225	873
Total	474	295	1,541	424	855	1,687	781	880	1,158	2,111	1,762	810	12,878

Amount of Domestic Coal Put to Waste by areas during each month:

[illegible]

Amount of Sub-Bituminous Coal Put to Waste by areas during each month:

Coalspur	3,058	2,644	4,393	2,846	2,305	2,295	2,565	2,491	2,799	2,477	1,430	31,459
Pincher	10	8	9	2	15	25	10	.....	.....	.....	15	2,156
Prairie Creek	.....	.....	.....	.....	.....	.....	.....	.....	180	.....	20	180
Total	3,068	2,652	4,402	2,848	2,320	2,320	2,575	2,491	2,979	2,477	1,450	31,754

Amount of Bituminous Coal Put to Waste by areas during each month:

	46	40	45	25	25	20	36	30	37	40	45	41	430
	5,154	6,326	6,207	5,919	7,422	7,570	7,676	7,697	7,619	7,138	2,127	7,501	78,406
					42								42
Cascade													
Crownest													
Mountain Park													
Total	5,200	6,366	6,252	5,944	7,539	7,590	7,712	7,727	7,656	7,178	2,172	7,542	78,878

Amount of Domestic Coal Lifted from Stock by areas during each month:

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Big Valley	95	47			831	1,105							2,078
Carbon	2,407	3,026	60	305	278	394	757	252	98	856	1,719	316	10,968
Drumheller			342	588	100	12							1,042
Edmonton			2									28	28
Halcourt													
Lethbridge													
Total	2,502	3,073	404	893	1,209	2,011	757	252	98	856	1,719	344	14,118

Amount of Sub-Bituminous Coal Lifted from Stock by areas during each month:

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Coalspur	12	34	1,623	3	68		56	151	163	68	563	90	2,828
Pincher			6					101					9
Saunders													101
Total	12	34	1,629	3	68		56	252	163	68	563	90	2,938

Amount of Bituminous Coal Lifted from Stock by areas during each month:

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Cascade	30	125	106	305	281	302	427	408	456	484	760	652	4,336
Crowsnest	230	50	202	1,077	89	280	508	1,361	279	43		2,128	6,247
Mountain Park							140				90	60	1,070
Nordegg	25	13	43		265				434				
Total	285	188	351	1,382	635	582	1,075	1,769	1,169	527	850	2,840	11,653

THE MINES BRANCH

Number of men employed in the DOMESTIC FIELD as at December 31st, 1943:

Areas	UNDERGROUND										ABOVE GROUND										TOTAL					
	Officials	Hand Cutters	Machine Cutters & Helpers	Machine Loaders	Chute Loaders	Horse H'ige Employees	Mechanical H'ige Emp's	Ventilation Employees	Road Makers	Timber Men	Pump Men	Other Employees	Total Underground	Adminis- tration	Foremen and Clerks	Screenmen and Loaders	Engine Men	Firemen	Machinists	Carpenters and Masons		Other Mechanics	Surface Haulage	All Other Employees	Total Above Ground	
Ardley	5	19										1	25	1	2								2	5	30	
Big Valley	5	5	3									7	21	1	2								1	5	9	
Brooks	1	9				1						11	11	2	3								14	23	34	
Camrose	3	51				5						12	74	3	8	8					5	7	31	70	144	
Carbon	9	19	4	39	1	12			1			1	86	1	3	10	2	1					1	3	21	107
Castor	24	90	2			1						7	124	1	8		8				8	2	2	28	59	183
Champion	3	21											24												1	25
Drumheller	109	45	148	964		208	66	10	106	85	4	117	1,862	17	71	179	13	8	16	10	16	7	136	473	2,335	
Edmonton	46	122	27	200		46	10	6	23	59	3	90	632	10	20	42	25	2	1	4	4	7	39	154	785	
Gleichen	6	23	3	15		2	2			2			53	1	2	4		1					1	2	11	64
Gleichen	1	6										1	8		2								1	1	8	16
Halcourt																										3
High Prairie	31	1	4	294		66	37	7	13	21	3	36	560	4	28	45	14	3	5	6	20	6	54	185	745	
Lethbridge	1		2	1									4		1							1		3	7	
Milk River	1		2										4		1	1								1	3	
Pakowki	2	23	4	18		11	2		3	3	1	1	73	2	6	7	5	1	1	8	1	1	26	58	131	
Pembina	7	4	4	14		4			1	1		3	29		3	5	1					1	1	9	38	
Redcliff	2	10											11	1	1	5				1			1	11	22	
Rochester	1	1											13	3	5	2						3	29	42	44	
Sheerness	1	1				1							13	7	16	1	1		5	4	2	1	92	129	142	
Taber	2	2	2	6									12	3	5	45				6		2	42	104	116	
Tofield	1	9				1	1					4	6												6	
Wetaskiwin	1														1									1	1	
Whitecourt																										
Total	262	460	247	1,551	1	360	118	23	147	173	12	281	3,635	58	188	365	67	16	28	52	52	45	506	1,377	5,012	

Number of men employed in the SUB-BITUMINOUS FIELD as at December 31st, 1943:

Coalspur	20	60	33	108	20	24	11	9	9	23	6	8	331	14	33	69	20	33	12	18	14	33	140	386	717
Pekisko	2	8	.....	.....	.....	2	1	.....	.....	.....	.....	.....	13	1	1	.....	1	.....	.....	.....	.....	.....	3	16	2
Pincher	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13	1	1	.....	2	.....	.....	1	.....	1	2	8	21
Prairie Creek	2	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13	1	1	.....	2	.....	.....	1	.....	1	2	8	21
Saunders	6	.....	12	54	.....	3	5	.....	2	2	.....	4	88	2	3	14	6	3	.....	1	1	2	2	34	122
Total	31	79	45	162	20	29	17	9	11	25	6	12	446	18	39	83	29	36	12	20	15	36	144	432	878
BITUMINOUS FIELD																									
Cascade	18	87	9	13	.....	6	28	2	7	5	.....	25	200	1	16	32	4	7	4	2	.....	.....	54	120	320
Crowsnest	102	893	.....	.....	141	30	153	16	34	160	6	125	1,660	27	64	125	19	15	23	16	68	23	186	566	2,226
Mountain Park	46	234	64	.....	37	36	61	7	7	75	8	71	645	5	22	52	10	25	15	11	11	12	111	274	919
Nordegge	12	126	.....	.....	.....	50	17	5	25	19	4	.....	258	2	13	6	.....	7	5	10	10	2	132	187	445
Total	178	1,340	73	13	178	121	259	30	73	259	18	221	2,763	35	115	215	33	54	47	39	89	37	483	1,147	3,910
SUMMARY																									
Domestic	262	460	247	1,551	.....	361	118	23	147	173	12	281	3,635	58	188	365	67	16	28	52	52	45	506	1,377	5,012
Sub-Bituminous	31	79	45	162	20	29	17	9	11	25	6	12	446	18	39	83	29	36	12	20	15	36	144	432	878
Bituminous	178	1,340	73	13	178	121	259	30	73	259	18	221	2,763	35	115	215	33	54	47	39	89	37	483	1,147	3,910
Total	471	1,879	365	1,726	198	511	394	62	231	457	36	514	6,844	111	342	663	129	106	87	111	156	118	1,133	2,956	9,800

Men employed above and below ground in the DOMESTIC FIELD by areas during each month:

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Monthly Average
Ardley	31	23	21	4	2	3	11	17	20	32	35	30	19
Big Valley	20	21	19	14	13	18	18	18	20	20	36	30	20
Brooks	20	16	13	10	10	12	14	17	22	27	34	34	19
Camrose	87	81	78	68	67	73	73	75	78	107	103	144	86
Carbon	126	123	114	82	72	78	87	70	86	132	130	107	100
Castor	133	141	100	34	30	31	57	80	84	139	199	183	101
Champion	28	27	24	23	21	21	23	24	30	25	25	25	25
Drumheller	2,169	2,133	2,140	1,909	1,813	1,899	2,014	2,079	2,118	2,168	2,262	2,335	2,087
Edmonton	858	785	720	535	429	483	537	563	594	649	732	786	639
Gleichen	89	92	66	27	27	34	6	36	35	46	58	64	51
Halcourt	13	14	15	4	.....	.....	.....	7	4	11	14	16	10
High Prairie	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
Lethbridge	680	688	648	600	596	597	620	641	667	693	719	745	658
Milk River	6	5	4	2	3	4	6	2	11	11	9	7	6
Pakowki	.....	2	2	3	2	2	2	2	2	3	3	3	2
Pembina	65	66	64	47	55	62	65	62	58	75	88	131	70
Redcliff	43	43	39	29	33	31	33	36	35	37	37	38	36
Rochester	16	15	5	5	9	4	4	4	5	6	25	22	10
Sheerness	33	28	26	23	13	18	16	29	33	40	42	44	29
Taber	28	26	26	20	17	22	19	20	51	143	193	142	59
Tofield	82	84	64	37	30	30	37	38	59	62	60	116	58
Wetaskiwin	7	6	5	2	2	2	1	4	5	6	7	6	5
Whitcourt	1	3	.....	.....	.....	.....	1	1	1	1	1	1	1
Total	4,535	4,422	4,193	3,478	3,244	3,424	3,680	3,829	4,010	4,438	4,812	5,012	4,094

Men employed above and below ground in the SUB-BITUMINOUS FIELD by areas during each month:

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Monthly Average
Coalspur	691	692	641	594	598	605	593	643	656	694	722	717	654
Pekisko	17	16	16	12	12	10	12	11	11	13	12	16	13
Pincher	3	3	3	2	1	1	1	1	1	2	2	2	2
Prairie Creek	.....	.....	.....	.....	.....	.....	9	12	15	21	21	21	17
Saunders	131	133	126	111	111	107	104	112	110	109	118	122	116
Total	842	844	786	719	722	723	719	779	793	839	875	878	802

Men employed above and below ground in the BITUMINOUS FIELD by areas during each month:

Cascade	303	304	300	298	301	299	306	320	323	318	317	320	309
Crowsnest	2,155	2,182	2,146	2,070	2,038	2,049	2,086	2,108	2,148	2,182	2,232	2,226	2,135
Mountain Park	875	868	857	837	826	845	872	890	892	901	925	919	876
Nordeggs	438	436	409	392	371	391	426	436	425	427	441	445	420
Total	3,771	3,790	3,712	3,597	3,536	3,584	3,690	3,754	3,788	3,828	3,915	3,910	3,740

Men employed above and below ground in the DOMESTIC, SUB-BITUMINOUS and BITUMINOUS FIELDS by areas during each month:

Domestic	4,535	4,422	4,193	3,478	3,244	3,424	3,680	3,829	4,010	4,438	4,812	5,012	4,094
Sub-Bituminous	842	844	786	719	722	723	719	779	793	839	875	878	802
Bituminous	3,771	3,790	3,712	3,597	3,536	3,584	3,690	3,754	3,788	3,828	3,915	3,910	3,740
Total	9,148	9,056	8,691	7,794	7,502	7,731	8,089	8,362	8,591	9,105	9,602	9,800	8,636

THE MINES BRANCH

PER CAPITA PRODUCTION OF MINES IN THE PROVINCE

Year	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man employed	Average No. of men employed under- ground	Tons of coal mined per man employed under- ground
1906	1,385,000	2,800	494	2,000	692
1907	1,834,745	3,600	509	2,700	679
1908	1,845,000	3,780	488	2,681	688
1909	2,174,329	5,207	417	3,893	566
1910	3,036,757	5,818	504	4,090	742
1911	1,694,564	6,689	253	4,517	375
1912	3,446,349	6,661	517	4,861	708
1913	4,306,346	8,068	533	5,837	737
1914	3,821,739	8,170	467	6,052	631
1915	3,434,891	6,445	532	4,493	764
1916	4,648,604	7,570	614	5,536	839
1917	4,863,414	8,310	595	6,047	804
1918	6,148,620	8,818	697	6,141	1,001
1919	5,022,412	7,573	663	5,150	958
1920	6,908,923	9,688	712	6,551	1,055
1921	5,937,195	10,018	592	7,203	824
1922	5,976,432	8,757	683	6,154	971
1923	6,866,923	9,927	687	7,249	893
1924	5,202,713	7,317	711	5,299	982
1925	5,883,394	8,774	670	6,498	834
1926	6,508,908	8,763	743	6,569	991
1927	6,936,780	9,016	768	6,681	970
1928	7,334,179	9,496	772	6,625	1,107
1929	7,147,250	9,572	747	7,115	1,004
1930	5,755,911	8,889	648	6,607	871
1931	4,563,309	8,070	577	5,969	701
1932	4,867,984	7,837	621	5,772	844
1933	4,714,784	8,042	586	5,937	794
1934	4,748,848	7,863	604	5,809	744
1935	5,462,973	7,800	700	5,644	969
1936	5,696,375	8,110	702	5,940	959
1937	5,551,682	7,836	708	5,806	956
1938	5,230,025	7,411	706	5,427	965
1939	5,518,105	7,456	740	5,517	1,000
1940	6,205,088	7,416	836	5,526	1,122
1941	6,970,064	7,714	903	5,652	1,233
1942	7,754,279	8,040	964	5,865	1,322
1943	7,677,982	8,636	889	6,197	1,160

PER CAPITA PRODUCTION OF MINES IN THE DOMESTIC COAL FIELD

Year	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man employed	Average No. of men employed underground	Tons of coal mined per man employed underground
1910	878,011	2,307	380	1,676	524
1911	964,700	3,548	271	2,488	391
1912	1,341,389	2,980	450	2,283	587
1913	1,763,225	4,017	438	2,929	601
1914	1,697,401	4,219	402	3,190	532
1915	1,682,922	3,181	529	2,210	761
1916	2,172,801	4,132	525	3,137	692
1917	2,537,829	4,701	539	3,489	727
1918	3,035,061	4,896	619	3,420	887
1919	2,611,009	4,226	617	2,953	884
1920	3,359,308	5,173	647	3,723	902
1921	2,943,141	5,601	525	4,256	691
1922	3,086,669	4,981	620	3,752	823
1923	3,161,741	4,969	636	3,765	812
1924	3,096,660	4,543	681	3,447	898
1925	3,156,359	4,874	647	3,750	808
1926	3,160,029	4,798	658	3,714	816
1927	3,357,171	4,663	720	3,603	891
1928	3,378,200	4,810	702	3,700	873
1929	3,385,749	4,944	685	3,813	880
1930	2,874,090	4,822	596	3,756	765
1931	2,245,563	4,400	510	3,419	628
1932	2,574,785	4,548	566	3,539	728
1933	2,434,047	4,480	543	3,487	698
1934	2,295,566	4,289	535	3,370	644
1935—Stp. pit	130,084	96	1,355	.....	.....
B. Ground	2,517,828	3,927	658	3,059	823
1936—Stp. pit	80,111	107	749	.....	.....
B. Ground	2,761,120	4,112	671	3,243	851
1937—Stp. pit	80,116	79	1,014	.....	.....
B. Ground	2,551,034	3,148	810	3,162	832
1938—Stp. pit	72,829	74	945	.....	.....
B. Ground	2,380,434	3,573	667	2,846	801*
1939—Stp. pit	76,394	73	1,048	.....	.....
B. Ground	2,372,805	3,636	653	2,900	818*
1940—Stp. pit	74,021	71	1,042	.....	.....
B. Ground	2,463,184	3,556	692	2,844	866*
1941—Stp. pit	88,142	63	1,399	.....	.....
B. Ground	2,625,112	3,427	766	2,745	956*
1942—Stp. pit	119,615	67	1,785	.....	.....
B. Ground	3,093,498	3,485	888	2,777	1,114*
1943—Stp. pit	137,307	78	1,760	.....	.....
B. Ground	3,278,730	4,016	816	3,133	1,046*

*See note on page over.

PER CAPITA PRODUCTION OF MINES IN THE SUB-BITUMINOUS COAL FIELD

Year	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man employed	Average No. of men employed under- ground	Tons of coal mined per man employed under- ground
1922—Stp. pit	367,514	217	1,692	.....	.....
B. Ground	179,550	403	445	277	648
1923—Stp. pit	288,467	190	1,513	.....	.....
B. Ground	174,994	354	494	260	673
1924—Stp. pit	369,724	211	1,752	.....	.....
B. Ground	222,222	393	565	278	799
1925—Stp. pit	335,993	162	2,074	.....	.....
B. Ground	245,842	461	533	326	754
1926—Stp. pit	258,964	147	1,761	.....	.....
B. Ground	231,407	443	545	305	758
1927—Stp. pit	304,584	194	1,583	.....	.....
B. Ground	290,606	478	608	321	905
1928—Stp. pit	394,682	179	2,205	.....	.....
B. Ground	345,810	643	536	457	756
1929—Stp. pit	319,764	163	1,962	.....	.....
B. Ground	348,344	585	595	402	866
1930—Stp. pit	304,144	157	1,937	.....	.....
B. Ground	299,187	569	526	390	767
1931—Stp. pit	280,251	161	1,803	.....	.....
B. Ground	191,138	486	393	336	569
1932—Stp. pit	348,266	177	1,862	.....	.....
B. Ground	211,213	491	430	341	619
1933—Stp. pit	309,365	170	1,820	.....	.....
B. Ground	244,776	516	474	370	661
1934—Stp. pit	302,054	158	1,912	.....	.....
B. Ground	235,488	482	489	326	722
1935—Stp. pit	287,970	180	1,600	.....	.....
B. Ground	278,466	501	830	337	826
1936—Stp. pit	263,899	175	1,508	.....	.....
B. Ground	302,587	532	569	360	841
1937—Stp. pit	229,747	149	1,542	.....	.....
B. Ground	276,782	504	549	348	795
1938—Stp. pit	227,317	148	1,536	.....	.....
B. Ground	261,595	633	772	327	800*
1939—Stp. pit	246,459	142	1,735	.....	.....
B. Ground	265,646	494	538	320	830*
1940—Stp. pit	318,425	241	1,321	.....	.....
B. Ground	280,261	393	713	328	854*
1941—Stp. pit	320,801	272	1,179	.....	.....
B. Ground	264,652	384	689	248	1,069*
1942—Stp. pit	332,748	191	1,742	.....	.....
B. Ground	400,799	521	769	342	1,172*
1943—Stp. pit	351,890	360	967	.....	.....
B. Ground	440,062	442	996	399	1,102*

*See note.

PER CAPITA PRODUCTION OF MINES IN THE BITUMINOUS COAL FIELD

Year	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man employed	Average No. of men employed underground	Tons of coal mined per man employed underground
1910	1,896,961	2,981	636	2,076	914
1911	649,745	2,645	246	1,820	357
1912	1,926,371	3,243	594	2,353	818
1913	2,374,401	3,562	666	2,645	897
1914	1,953,367	3,529	553	2,632	742
1915	1,626,237	2,921	557	2,103	773
1916	2,335,259	3,142	743	2,258	1,034
1917	2,206,868	3,335	661	2,429	909
1918	2,982,334	3,686	820	2,597	1,109
1919	2,325,787	3,118	745	2,100	1,108
1920	3,410,021	4,228	809	2,711	1,202
1921	2,897,380	4,133	701	2,820	1,026
1922	2,214,273	3,034	729	2,084	1,062
1923	3,241,614	4,345	746	3,215	1,008
1924	1,515,107	2,171	698	1,574	966
1925	2,145,200	3,277	654	2,422	885
1926	2,858,508	3,375	847	2,550	1,121
1927	2,984,419	3,682	810	2,757	1,082
1928	3,215,481	3,862	832	2,468	1,302
1929	3,093,393	3,880	797	2,898	1,077
1930	2,278,490	3,341	682	2,461	926
1931	1,846,357	3,023	611	2,214	834
1932	1,733,720	2,621	660	1,892	916
1933	1,726,596	2,876	600	2,080	830
1934	1,915,740	2,934	653	2,113	907
1935	2,248,625	3,096	726	2,248	1,000
1936	2,288,658	3,184	719	2,337	979
1937	2,414,003	3,156	765	2,295	1,052
1938	2,287,850	3,131	731	2,254	1,015
1939	2,556,801	3,111	822	2,297	1,113
1940	3,069,197	3,155	972	2,354	1,303
1941	3,671,357	3,568	1,029	2,659	1,381
1942	3,807,619	3,766	1,008	2,746	1,387
1943	3,469,993	3,740	927	2,665	1,302

PER CAPITA PRODUCTION OF MINES IN THE ANTHRACITE COAL FIELD

Year	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man employed	Average No. of men employed underground	Tons of coal mined per man employed underground
1910	261,785	530	493	338	774
1911	80,119	500	160	209	383
1912	178,589	438	407	225	793
1913	168,720	489	345	263	641
1914	170,971	422	405	230	743
1915	125,732	343	366	180	698
1916	140,544	296	474	141	996
1917	118,717	284	418	129	920
1918	131,225	286	458	124	1,058
1919	85,616	229	374	95	901
1920	130,594	287	455	117	1,116
1921	96,674	284	341	127	761
1922	40,417	112	361	41	986
1923	107	69	1	9	12

NOTE.—The table showing the number of men employed in the Anthracite Coal Field, includes employees at the briquetting plant. There has been no anthracite coal produced since 1923.

*Calculating the total per capita production for men employed underground, the tonnage mined from stripping pits was deducted and only the tonnage produced from mines was used.

It will also be noted that the tonnage used in the above and following tables does not include tonnage extracted under permit.

THE MINES BRANCH

PER CAPITA PRODUCTION OF MINES BY AREAS:

DOMESTIC COAL FIELD

Areas	Gross tons of coal mined	Total Average No. of men employed	Tons of coal mined per man employed	Average No. of men employed underground	Tons of coal mined per man employed underground
Ardley	10,239	19	538	17	602
Big Valley	12,836	20	642	15	855
Brooks	30,381	19	159	8	3,797
Camrose	63,834	86	742	60	1,063
Carbon	68,391	100	684	78	876
Castor	59,764	101	591	81	737
Champion	11,776	25	471	23	512
Drumheller	1,838,738	2,087	881	1,677	1,096
Edmonton	457,002	639	715	517	883
Gleichen	21,369	51	419	44	485
Halcourt	1,873	10	187	7	267
High Prairie	191	3	63	3	63
Lethbridge	579,234	658	880	490	1,182
Milk River	2,634	6	439	3	878
Pakowki	419	2	209	2	209
Pembina	53,611	70	765	49	1,094
Redcliff	28,165	36	780	27	1,043
Rochester	7,287	10	728	4	1,821
Sheerness (Stripping)	57,528	27	2,130	.....	.....
Sheerness (Underground)	1,405	2	702	2	702
Taber	20,596	59	349	14	1,471
Tofield (Stripping)	79,779	51	1,564	.....	.....
Tofield (Underground)	5,534	7	790	7	790
Wetaskiwin	3,272	5	654	5	654
Whitecourt	179	1	179	.....	.....
Total	3,416,037	4,094	834	3,133	1,046*

SUB-BITUMINOUS COAL FIELD

Coalspur (Stripping)	351,890	360	977	.....	.....
Coalspur (Underground)	361,192	294	1,228	294	1,228
Pekisko	11,802	13	907	11	1,072
Pincher	451	2	225	2	225
Prairie Creek	1,828	17	107	10	182
Saunders	64,789	116	558	82	790
Total	791,952	802	987	399	1,102*

*This figure is arrived at by deducting the tonnage from stripping pits from gross tonnage mined and dividing the product by the number of men employed underground.

BITUMINOUS COAL FIELD

Cascade	343,476	309	1,111	204	1,683
Crowsnest	1,962,557	2,135	919	1,602	1,225
Mountain Park	843,411	876	962	612	1,378
Nordegg	320,549	420	763	247	1,297
Total	3,469,993	3,740	927	2,665	1,302

SUMMARY

Domestic	3,416,037	4,094	834	3,133	109
Sub-Bituminous	791,952	802	987	399	1,984
Bituminous	3,469,993	3,740	927	2,665	1,302
Total	7,677,982	8,636	889	6,197	1,160

Number of days on which Coal was drawn in the DOMESTIC FIELD by areas during each month:

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Ardley	19.29	15.6	9.86	2.5		20.0	16.7	13.4	19.3	18.9	22.0	14.6	172.15
Big Valley	21.75	21.33	22.0	21.0	10.5	23.0	22.0	23.0	22.5	21.7	23.3	17.2	249.28
Brooks	25.5	22.0	27.0	23.0	26.0	26.0	26.0	26.0	23.0	24.5	26.0	22.0	297.0
Camrose	20.8	20.75	21.5	19.0	23.5	23.0	23.3	25.5	22.5	16.2	21.3	20.3	257.65
Carbon	20.0	18.34	14.1	7.88	11.2	12.6	15.0	22.3	20.0	23.6	21.6	16.6	203.22
Castor	20.84	19.9	17.4	10.84	12.5	10.6	13.8	18.9	20.8	20.1	24.0	19.8	209.48
Champion	22.0	19.25	21.0	11.25	17.7	21.0	24.5	25.25	24.75	23.1	25.3	20.7	253.90
Drumheller	20.62	20.81	22.71	13.89	20.8	22.8	21.4	22.7	22.0	23.1	18.8	22.75	252.38
Edmonton	22.37	21.7	22.15	12.94	19.7	20.1	21.5	22.9	21.6	23.8	16.5	22.0	247.26
Gleichen	19.0	20.5	21.5	14.4	15.6	17.4	19.8	21.0	21.0	21.8	21.8	19.7	233.10
Halcourt	16.34	20.5	21.0	4.0					25.0	24.0	17.0	17.3	145.14
High Prairie													27.0
Lethbridge	20.25	19.4	20.0	19.72	18.9	22.1	22.7	21.9	22.9	23.4	18.9	19.6	249.77
Milk River	16.0	17.0	8.0	6.5	6.5	7.5	12.5	12.5	24.5	25.5	25.0	20.0	171.50
Pakowki		12.0	7.0	1.0		10.5	12.0	4.0	15.5	14.5	15.5	11.0	103.0
Pembina	23.5	20.5	16.7	24.0	18.0	26.0	14.0	23.0	24.0	18.5	20.5	18.8	249.50
Redcliff	20.5	23.5	23.5	15.0	11.5	20.5	22.5	22.0	23.5	23.5	24.0	17.0	244.0
Rochester	24.5	23.5	24.0	4.0	3.0	3.0	2.0	2.0	10.5	19.0	25.0	26.0	166.50
Sheerness	16.4	18.5	18.25	10.6	8.75	9.0	19.5	13.4	16.0	16.0	18.9	17.8	183.10
Taber	17.8	15.4	14.8	12.67	13.3	20.0	19.5	8.0	19.8	24.7	21.0	17.2	204.17
Tofield	20.5	22.2	13.75	15.0	25.0	23.0	25.0	20.0	20.5	18.6	24.75	25.0	253.30
Wetaskiwin	25.0	24.0	24.0	5.0			9.0	20.0	24.0	25.0	22.0	22.0	203.0
Whitecourt	18.0	18.0									10.0	7.0	53.0
Total	20.52	19.24	18.58	12.1	15.44	17.8	18.13	18.39	21.13	21.32	21.19	19.19	223.03

Number of days on which Coal was drawn in the SUB-BITUMINOUS FIELD by areas during each month:

Coalspur	20.67	20.84	23.5	22.0	22.7	20.0	17.0	23.3	23.8	23.7	16.0	22.7	256.21
Pekisko	23.0	22.0	24.0	12.0	23.0	23.5	25.0	24.0	22.5	24.0	24.0	18.5	265.50
Fincher	14.0	9.0	7.0	2.0							26.0	21.0	79.0
Prairie Creek									2.0	25.0	20.0	20.0	67.0
Saunders	22.5	24.0	26.5	22.5	23.0	14.0	16.5	26.0	24.5	25.0	17.5	23.5	265.50
Total	20.04	18.96	20.25	14.62	22.9	19.2	19.5	24.43	18.2	24.4	20.7	21.1	244.30

Number of days on which Coal was drawn in the BITUMINOUS FIELD by areas during each month:

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Cascade	25.0	23.5	26.5	25.0	24.5	25.0	25.5	24.0	25.0	25.5	21.0	25.5	296.00
Crowsnest	19.15	18.67	22.58	21.84	23.5	26.0	23.7	25.7	23.0	23.8	14.5	20.7	262.14
Mountain Park	22.0	24.0	24.75	24.5	22.8	25.0	25.5	25.5	25.0	25.25	11.7	23.5	279.50
Nordegg	20.0	21.0	24.0	23.0	22.0	23.0	22.0	23.0	23.0	25.0	19.0	24.0	271.0
Total	21.54	21.79	24.46	23.59	22.95	24.75	24.2	24.55	24.5	24.89	16.55	23.4	277.17

Number of days on which Coal was drawn each month:

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Domestic	20.52	19.24	18.58	12.1	15.44	17.8	18.13	18.39	21.13	21.32	21.19	19.19	223.03
Sub-Bituminous	20.04	18.96	20.25	14.62	22.9	19.2	19.5	24.43	18.2	24.4	20.7	21.1	244.30
Bituminous	21.54	21.79	24.46	23.59	22.95	24.75	24.2	24.55	24.5	24.89	16.55	23.4	277.17
Total	20.7	20.0	21.1	16.77	20.43	20.58	20.61	22.46	21.28	23.54	19.48	21.23	248.18

Total number of shifts worked above and below ground by areas during each month for the six months ending June 30, 1943:

DOMESTIC FIELD

Areas	January		February		March		April		May		June		Total Jan. to June	
	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground
Ardley	20	473	8	311	6	204	36	2	32	135	40	34	1,066	480
Big Valley	96	388	96	335	81	297	73	169	112	102	256	256	1,580	737
Brooks	168	229	134	172	100	168	95	101	128	128	121	121	877	758
Canrose	536	1,463	394	1,331	426	1,418	293	1,082	352	376	1,213	1,213	2,377	2,728
Carbon	461	2,246	438	2,118	479	1,899	406	888	453	491	1,182	1,182	2,728	9,251
Castor	275	2,319	255	2,363	208	1,450	52	315	49	394	363	363	898	7,204
Champion	46	476	41	428	47	440	21	172	37	264	45	359	237	2,139
Drumheller	8,894	37,022	9,153	35,675	10,308	38,705	6,639	20,644	8,723	29,491	33,897	33,897	52,916	195,434
Edmonton	2,889	14,044	2,775	13,539	2,841	13,281	2,211	7,392	2,265	6,853	7,493	7,493	15,389	62,602
Gleichen	202	1,805	190	1,901	226	1,298	84	343	47	473	580	580	895	6,400
Halcourt	80	105	88	198	116	218	25	89	2	11	1	1	284	546
Lethbridge	4,000	11,663	4,044	11,131	4,293	11,571	3,725	8,948	3,738	8,421	9,811	9,811	23,553	61,543
Milk River	40	38	10	17	8	20	2	11	2	17	21	21	63	154
Pakowki	366	1,017	485	1,004	382	1,051	327	709	336	700	16	7	283	68
Pembina	148	634	125	487	247	768	125	343	100	291	357	952	2,283	5,433
Redcliff	265	100	218	96	47	54	42	6	124	33	6	6	984	3,195
Rochester	638	54	562	38	528	309	309	12	285	279	285	12	729	268
Sheerness	176	391	162	360	178	371	161	117	170	160	296	296	2,592	1,446
Taber	1,549	253	1,706	212	1,222	74	848	10	754	699	.....	.....	1,070	1,695
Tofield .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,778	549
Westlock .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	445
Wetaskiwin	18	165	54	120	.....	100	.....	20	.....	40	.....	.....	88	.....
Whitecourt .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	20,867	74,885	20,938	71,860	21,745	73,429	15,413	41,352	17,573	49,336	18,886	57,290	115,422	368,152

THE MINES BRANCH

Total number of shifts worked above and below ground by areas during each month for the six months ending December 31, 1943:

DOMESTIC FIELD

Areas	July		August		September		October		November		December		Total July to Dec.		Total for year 1943	
	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground
Ardley	120	158	8	218	35	320	95	363	153	486	67	266	358	1,811	392	2,877
Big Valley	180	175	123	234	125	310	130	358	148	455	141	361	787	1,896	1,267	3,476
Brooks	134	134	216	138	236	165	279	174	440	239	342	214	1,693	1,964	2,330	3,476
Camrose	435	1,203	424	1,298	410	1,147	577	1,324	656	1,059	1,420	1,558	3,952	7,589	6,329	15,174
Carbon	496	1,357	339	1,051	465	1,382	432	1,537	559	1,615	392	1,517	2,683	8,459	5,411	17,710
Castor	105	919	112	1,335	117	1,590	462	1,739	1,518	2,568	491	2,298	2,805	10,449	3,703	17,653
Champion	48	442	51	466	50	470	34	462	26	509	24	394	233	2,743	470	4,882
Drumheller	8,900	30,666	10,162	35,994	10,213	35,214	10,722	36,430	9,077	29,787	10,548	36,952	59,622	205,043	112,538	400,477
Edmonton	2,626	8,336	2,922	8,841	2,952	9,126	2,975	10,430	2,619	7,735	3,558	13,104	17,652	57,572	33,041	120,174
Gleichen	121	548	124	650	150	690	170	879	236	1,153	237	1,121	1,038	4,951	1,933	11,351
Halcourt	62	52	60	29	....	73	36	106	130	191	182	165	470	616	754	1,162
High Prairie	4,281	9,985	4,222	10,568	4,149	10,631	4,347	10,884	3,966	9,205	4,278	12,059	25,243	63,332	49,096	124,877
Lehrbridge	25	83	25	90	169	110	181	103	188	92	60	50	628	558	691	682
Milk River	2	22	1	16	9	22	15	29	21	31	12	22	60	142	67	210
Pakowki	414	847	403	849	342	864	348	1,232	666	735	1,251	1,486	3,424	6,013	5,707	11,446
Pembina	207	546	234	524	234	588	208	655	214	648	128	446	1,225	3,407	2,209	6,602
Redcliff	32	4	33	4	59	28	69	72	202	74	198	187	593	369	1,322	637
Rochester	252	14	481	16	527	20	619	36	693	32	775	22	3,347	140	5,939	286
Sheerness	192	259	69	24	765	624	2,171	371	7,097	232	2,526	269	6,616	1,779	13,890	3,474
Taber	851	23	820	38	1,319	390	891	76	1,468	211	1,267	241	....	628	13,394	1,177
Tofield .....	....	80	....	80	....	100	....	140	....	100	....	80	....	580	....	1,025
Wetaskiwin .....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Whitecourt	24	....	6	....	16	....	3	....	10	....	7	....	66	....	154	....
Total	19,373	55,853	20,835	62,463	22,342	63,423	24,764	67,400	30,097	57,157	27,904	72,926	135,315	379,222	260,737	747,374

SUB-BITUMINOUS FIELD

Areas	January		February		March		April		May		June		Total Jan. to June	
	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground
Coalspur	9,865	7,317	10,013	7,141	10,730	7,801	9,207	5,866	9,165	5,185	9,409	5,578	58,389	38,888
Pekisko	75	291	73	232	77	273	62	92	53	201	51	185	391	1,274
Pincher	14	18	9	18	7	14	2	2	8	.....	12	.....	52	52
Prairie Creek .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	884	2,266	891	2,347	965	2,316	803	1,718	846	1,710	857	1,245	5,246	11,602
Total	10,838	9,892	10,986	9,738	11,770	10,404	10,074	7,678	10,072	7,096	10,329	7,008	64,078	51,816

BITUMINOUS FIELD

Areas	January		February		March		April		May		June		Total Jan. to June	
	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground
Cascade	2,810	3,872	2,677	3,947	2,921	4,338	2,799	4,023	2,815	3,942	2,948	4,116	16,970	24,238
Crownsnest	11,754	31,354	11,619	30,818	13,354	37,960	11,935	33,149	11,764	32,691	17,298	28,347	77,724	194,319
Highwood .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park	5,887	14,139	5,490	15,065	6,428	15,478	6,291	13,547	6,058	13,163	6,756	13,345	36,910	84,737
Nordegg	4,055	5,446	4,324	5,581	4,409	5,878	4,024	5,363	3,709	4,995	4,161	5,282	24,682	32,545
Total	24,506	54,811	24,116	55,411	27,112	63,654	25,049	56,082	24,346	54,791	31,163	51,090	156,286	335,839

SUMMARY

Areas	January		February		March		April		May		June		Total Jan. to June	
	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground
Domestic	20,867	74,885	20,938	71,869	21,745	73,429	15,413	41,352	17,573	49,336	18,886	57,290	115,422	368,152
Sub-Bituminous	10,838	9,892	10,986	9,738	11,779	10,404	10,074	7,678	10,072	7,096	10,329	7,008	64,078	51,816
Bituminous	24,506	54,811	24,110	55,411	27,112	63,654	25,049	56,082	24,346	54,791	31,163	51,090	156,286	335,839
Total	56,211	139,588	56,034	137,009	60,636	147,487	50,536	105,112	51,991	111,223	60,378	115,388	335,786	755,807

SUB-BITUMINOUS FIELD

Areas	July		August		September		October		November		December		Total July to Dec.		Total for year 1943	
	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground
Coalspur	9,304	5,468	8,913	6,139	8,666	6,069	9,133	6,624	8,725	4,438	8,922	7,272	53,663	36,010	112,052	74,898
Pekisko	55	199	52	175	50	162	49	194	49	212	37	147	292	1,089	653	2,363
Pincher	10	.....	5	.....	5	.....	20	26	26	26	26	26	72	72	124	124
Prairie Creek	87	74	162	140	175	195	197	253	199	251	151	276	971	1,189	971	1,189
Saunders	838	1,933	797	1,938	805	1,829	800	1,834	634	1,481	780	1,901	4,654	1,0916	9,900	22,518
Total	10,294	7,674	9,929	8,392	9,701	8,255	10,179	8,925	9,633	6,408	9,916	9,622	59,652	49,276	123,730	101,092

BITUMINOUS FIELD

Areas	July		August		September		October		November		December		Total July to Dec.		Total for year 1943	
	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground
Cascade	2,929	4,029	2,778	3,621	2,924	4,068	2,936	4,190	2,548	2,866	3,157	4,230	17,272	23,004	34,242	47,242
Crowsnest	13,451	34,815	13,369	33,429	13,509	33,191	12,675	32,190	10,460	23,581	13,074	31,964	76,538	189,170	154,262	383,489
Mountain Park	5,957	14,295	6,990	14,014	5,981	13,473	6,349	13,895	4,966	9,827	6,601	14,304	35,944	79,808	72,854	164,545
Nordegg	4,372	4,758	4,428	4,906	4,247	4,891	3,918	4,912	3,920	4,195	4,217	4,868	25,102	28,530	49,784	61,075
Total	26,709	57,897	26,665	55,970	26,661	55,623	25,878	55,187	21,894	40,469	27,049	55,366	154,856	320,512	311,142	656,351

TOTAL DOMESTIC, SUB-BITUMINOUS AND BITUMINOUS COAL FIELDS

Areas	July		August		September		October		November		December		Total July to Dec.		Total for year 1943	
	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground
Domestic	19,373	55,853	20,835	62,463	22,342	63,423	24,764	67,400	30,097	57,157	27,904	72,926	145,315	379,222	260,737	747,374
Sub-Bituminous	10,294	7,674	9,929	8,392	9,701	8,255	10,179	8,925	9,633	6,408	9,916	9,622	59,652	49,276	123,730	101,092
Bituminous	26,709	57,897	26,665	55,970	26,661	55,623	25,878	55,187	21,894	40,469	27,049	55,366	154,856	320,512	311,142	656,351
Total	56,376	121,424	57,429	126,825	58,704	127,301	60,821	131,512	61,624	104,034	64,869	137,914	359,823	749,010	695,609	1,504,817

AMOUNT OF MINE TIMBER USED DURING THE YEAR

DOMESTIC COAL FIELD

Areas	Round Timber, linear feet	Lumber, B.M. feet	Ties, linear feet	Lagging, linear feet	Slabs, cords	Sprags
Ardley	28,345	.....	.....	.....	.....	.....
Big Valley	12,620	.....	.....	.....	.....	.....
Brooks	23,053	.....	.....	.....	.....	.....
Camrose	343,443	.....	.....	.....	.....	.....
Carbon	212,363	.....	.....	2,000	.....	.....
Castor	161,891	.....	.....	.....	.....	.....
Champion	63,600	.....	.....	.....	.....	.....
Drumheller	7,233,338	.....	183,963	80,000	72	.....
Edmonton	2,595,989	.....	9,400	.....	21½	.....
Gleichen	128,390	.....	.....	.....	.....	.....
Halcourt	2,390	.....	.....	1,500	.....	.....
High Prairie	1,200	.....	.....	.....	.....	.....
Lethbridge	1,014,834	36,820	13,253	.....	.....	.....
Milk River	8,400	.....	.....	.....	.....	.....
Pakowki	4,320	.....	.....	.....	.....	.....
Pembina	183,526	.....	.....	.....	.....	.....
Redcliff	73,926	.....	.....	.....	.....	.....
Rochester	1,360	.....	.....	.....	.....	.....
Sheerness	2,000	.....	.....	.....	.....	.....
Taber	35,000	.....	.....	.....	.....	.....
Tofield	12,656	.....	.....	.....	.....	.....
Wetaskiwin	5,700	.....	.....	.....	.....	.....
Total	12,148,344	36,820	206,616	83,500	93½	.....

SUB-BITUMINOUS COAL FIELD

Coalspur	319,224	85,360	3,000	.....	60	.....
Pekisko	23,268	.....	.....	.....	.....	.....
Pincher	1,200	1,552	.....	.....	2	.....
Prairie Creek	11,100	.....	2,850	.....	.....	.....
Saunders	357,651	.....	71,000	86,960	.....	.....
Total	712,443	86,912	76,850	86,960	62	.....

BITUMINOUS COAL FIELD

Cascade	419,412	.....	.....	14,315	.....	.....
Crowsnest	3,329,315	1,383,109	.....	2,289,246	.....	16,790
Mountain Park	1,021,007	539,200	.....	.....	1,120	.....
Nordegg	1,094,782	.....	.....	.....	.....	.....
Total	5,864,516	1,922,309	.....	2,303,561	1,120	16,790

PARTICULARS OF LAMPS IN THE DOMESTIC COAL FIELD

	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943
Portable Electric Lamps, Edison Cap Type	2,530	2,481	2,521	2,634	2,556	2,792	2,310	2,300	2,148	2,123	2,071	2,126	2,051	2,259
Portable Electric Lamps, Wheat Cap .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Portable Electric Lamps, Wolfe Cap Type .....	...	66	66	...	66	...	...	58	104	37	31	30	34	40
Safety Lamps, Wolfe Flame Type	171	160	174	242	191	244	308	244	95	177	207	232	215	209
Safety Lamps, Kochler Flame Type .....	...	...	...	3	...	3	...	4	26	27	48	25	26	24
Total	2,701	2,707	2,761	2,879	2,813	3,039	2,618	2,606	2,373	2,395	2,357	2,413	2,326	2,532

PARTICULARS OF LAMPS IN THE SUB-BITUMINOUS COAL FIELD

Portable Electric Lamps, Edison Cap Type	184	387	350	357	453	275	297	372	359	449	430	580	561	578
Portable Electric Lamps, Wolfe Flame Type	25	51	59	39	46	39	38	45	39	41	45	44	32	21
Total	209	438	409	396	499	314	335	417	428	490	475	624	593	599

PARTICULARS OF LAMPS IN THE BITUMINOUS COAL FIELD

Portable Electric Lamps, Edison Cap Type	3,458	4,458	3,005	2,922	2,638	2,743	2,607	2,788	2,745	2,517	2,712	3,119	3,290	3,126
Portable Electric Lamps, Wheat Electric Cap Type .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Portable Electric Lamps, Wolfe Electric Cap Type	20	7	...	...	20	...	25	25	25	...	...	...	...	...
Safety Lamps, Wolfe Flame Type	345	353	337	318	329	324	327	321	319	255	268	284	247	238
Total	3,823	4,818	3,342	3,240	2,987	3,067	2,959	3,134	3,089	2,772	2,980	3,403	3,537	3,364

QUANTITY OF EXPLOSIVES USED IN POUNDS FOR BLASTING COAL:
DOMESTIC COAL FIELD

Areas	Names of Explosives										Total
	Pellets	Polar Monobel No. 4	Polar Monobel No. 14	CXL-ITE	Cardox	Stopette 40%	Dynamite 40%	Stumping Powder	Loose Black	Lump Kol Pellet	
Ardley	5,511	400								75	5,986
Big Valley	2,700		200								2,900
Brooks	8,850	75	25								8,950
Camrose		1,850									1,850
Carbon	10,200	1,100	270							4,800	16,370
Castor	11,050									790	11,840
Champion	5,700										5,700
Drumheller	133,996	3,750	78,964	1,500	16,162	450				19,420	254,242
Edmonton	7,954	7,050	19,410	500				150		2,300	37,364
Gleichen	4,800		253							1,300	6,353
Halcourt	400							100		150	650
High Prairie	30							75			105
Lethbridge	4,800	14,854	28,858		76,900						125,412
Milk River	1,350										1,350
Pakowki	75	50									125
Pembina		2,600	550							650	3,800
Redcliff	5,160		1,550								6,710
Rochester	75			80				175			330
Sheerness	70		36						750	300	1,156
Taber	1,055		50							650	1,755
Tofield	300	215	2,185				75		11,050		13,825
Wetaskiwin			600								600
Total	204,076	31,944	132,951	2,080	93,062	450	75	500	11,800	30,435	507,373

SUB-BITUMINOUS COAL FIELD

Areas	Names of Explosives							Total
	Pellets	Polar Monobel No. 4	Polar Monobel No. 14	30% Polar Forcite	35% Polar Forcite	60% Polar Forcite	40% Dynamite	
Coalspur		82,927		25,530	46,900	150	100	155,607
Pekisko			6,250					6,250
Pincher			63					63
Prairie Creek		500	1,250					1,750
Saunders		4,200		10,029				14,229
Total	4,700	84,177	16,342	25,530	46,900	150	100	177,899

BITUMINOUS COAL FIELD

Areas	Names of Explosives				Total
	Polar Monobel No. 4	Polar Monobel No. 6	Polar Monobel No. 14	30% Polar Forcite	
Cascade	59,050		55		59,105
Crowsnest	98,909				98,909
Mountain Park	4,450	81,458		1,400	87,308
Total	162,409	81,458	55	1,400	245,322

THE MINES BRANCH

Number of tons of coal produced per pound of Explosives used for blasting coal:

DOMESTIC COAL FIELD

Areas	Number of tons of coal mined	Number of pounds of explosive used	Tons of coal mined per pound of explosive used
Ardley	10,239	5,986	1.71
Big Valley	12,836	2,900	4.43
Brooks	30,381	8,950	3.39
Camrose	63,834	1,850	34.50
Carbon	68,391	16,370	4.18
Castor	59,764	11,840	5.05
Champion	11,776	5,700	2.06
Drumheller	1,838,738	254,242	7.23
Edmonton	457,002	37,364	12.23
Gleichen	21,369	6,353	3.36
Halcourt	1,873	650	2.88
High Prairie	191	105	1.82
Lethbridge	579,234	125,412	4.62
Milk River	2,634	1,350	1.95
Pakowki	419	125	3.35
Pembina	53,611	3,800	14.11
Redcliff	28,165	6,710	4.20
Rochester	7,287	330	22.08
Sheerness	58,933	1,156	50.98
Taber	20,596	1,755	11.74
Tofield	85,313	13,825	6.17
Wetaskiwin	3,272	600	5.45
Whitecourt	179	.....	.....
Total	3,416,037	507,373	6.73

SUB-BITUMINOUS COAL FIELD

Coalspur	713,082	155,607	4.58
Pekisko	11,802	6,250	1.89
Pincher	451	63	7.16
Prairie Creek	1,828	1,750	1.04
Saunders	64,789	14,229	4.55
Total	791,952	177,899	4.45

BITUMINOUS COAL FIELD

Cascade	343,476	59,105	5.81
Crowsnest	1,962,557	98,909	19.84
Mountain Park	843,411	87,308	9.66
Nordegg	320,549	.....	.....
Total	3,469,993	245,322	14.14

Estimated number of shots fired for blasting coal:

DOMESTIC COAL FIELD

Areas	Electric Deton- ators	Electric Squibs	Fuse	Squibs	Cardox Heaters	Total
Ardley .....	.....	.....	5,420	.....	.....	5,420
Big Valley .....	.....	.....	1,080	.....	.....	1,080
Brooks .....	.....	.....	95	4,425	.....	4,520
Camrose	4,300	.....	150	.....	.....	4,450
Carbon	28	.....	21,743	1,100	.....	22,871
Castor .....	.....	.....	12,100	1,334	.....	13,434
Champion .....	.....	.....	3,325	3,700	.....	7,025
Drumheller	125,956	51,552	78,448	.....	6,465	262,421
Edmonton	19,285	1,247	31,980	400	.....	52,912
Gleichen .....	.....	.....	.....	7,800	.....	7,800
Halcourt .....	.....	.....	750	125	.....	895
High Prairie .....	.....	.....	120	.....	.....	120
Lethbridge	77,670	.....	780	830	23,178	102,458
Milk River .....	.....	.....	1,000	1,750	.....	2,750
Pakowki .....	.....	.....	100	.....	.....	100
Pembina	5,100	300	1,000	.....	.....	6,400
Redcliff	1,640	.....	.....	7,000	.....	8,640
Rochester .....	.....	.....	380	.....	.....	380
Sheerness	68	.....	845	.....	.....	913
Taber .....	.....	.....	685	1,980	.....	2,665
Tofield	100	.....	5,057	.....	.....	5,157
Wetaskiwin .....	.....	.....	600	.....	.....	600
Total	234,147	53,099	165,658	30,444	29,643	512,991

SUB-BITUMINOUS COAL FIELD

Coalspur	77,462	.....	.....	.....	.....	77,462
Pekisko	5,700	.....	.....	.....	.....	5,700
Pincher	113	.....	.....	.....	.....	113
Prairie Creek	2,000	1,000	.....	.....	.....	3,000
Saunders	12,064	1,500	.....	.....	.....	13,564
Total	97,339	2,500	.....	.....	.....	99,839

BITUMINOUS COAL FIELD

Cascade	78,978	.....	.....	.....	.....	78,978
Crownsnest	106,660	.....	.....	.....	.....	106,660
Mountain Park	73,602	.....	.....	.....	.....	73,602
Total	259,240	.....	.....	.....	.....	259,240

THE MINES BRANCH

Number of miss-fire shots recorded in blasting coal in the Province:

DOMESTIC COAL FIELD

Areas	CO ₂ Heaters	Electric Deton- ators	Electric Squibs	Squibs	Fuse	Total
Ardley					32	32
Big Valley					4	4
Carbon					3	3
Castor				15	34	49
Champion					1	1
Drumheller	60	14	57		16	147
Edmonton		3		2	41	46
Gleichen					22	22
High Prairie					4	4
Lethbridge	185	5		2	1	193
Pembina			1			1
Sheerness					6	6
Tofield					88	88
Total	245	22	58	19	252	596

SUB-BITUMINOUS COAL FIELD

Coalspur		7				7
Pekisko		5				5
Prairie Creek		2	12			14
Saunders		7	3			10
Total		21	15			36

BITUMINOUS COAL FIELD

Cascade		2				2
Crownsnest		29				29
Mountain Park		5				5
Total		36				36

Quantity of Explosives used in pounds for blasting rock in Coal-mines in the Province.

Areas	Names of Explosives											Total			
	Pellets	Polar Monobel No. 4	Polar Monobel No. 6	Polar Monobel No. 14	Dynamite 40%	Stopeite 40%	Stopeite 60%	Dynamite 60%	CXL-ITE	Stumping Powder	Polar Forcite 30%		Polar Forcite 35%	Polar Forcite 40%	Polar Forcite 60%
Camrose	38	60		4		1,000			3,700						4
Carbon															1,098
Cascade															3,700
Castor				50					225	8					8
Champion								640							915
Coalspur					8,536				16,114						24,750
Crowsnest									6,142						24,650
Drumheller	100	16,929		1,101		1,400	2,050	9,700	1,750		1,800	7,000	1,850	14,100	37,422
Edmonton		553		1,200											3,503
Gleichen		25													25
Halcourt										50					50
Lethbridge		2,223		2,793					100						5,116
Mountain Park									15,775						77,475
Nordegg									350						350
Pekisko				200											200
Pembina		90													165
Pincher		5							75						5
Redcliff		100													100
Saunders	90			1,850											1,940
Sheerness					39	25									64
Taber		300			150							9,350			9,800
Whitecourt										60					60
Total	228	20,285		7,198	8,725	2,425	2,050	10,340	44,231	118	1,800	16,350	1,850	75,800	191,400

THE MINES BRANCH

Estimated number of shots fired for blasting rock in Coal-mines in the Province:

Areas	Electric Deton- ators	Electric Squibs	Fuse	Total
Camrose .....	.....	.....	8	8
Carbon .....	.....	.....	1,236	1,236
Cascade	7,200	.....	.....	7,200
Caster .....	.....	.....	16	16
Champion	510	.....	240	750
Coalspur	3,014	.....	400	3,414
Crowsnest	18,500	.....	.....	18,500
Drumheller	28,393	.....	18,064	46,457
Edmonton	2,900	.....	1,172	4,072
Gleichen .....	.....	.....	12	12
Halcourt .....	.....	.....	80	80
Lethbridge	8,696	.....	.....	8,696
Mountain Park	22,340	.....	.....	22,340
Nordegg	535	.....	.....	535
Pekisko	100	.....	.....	100
Pembina	255	.....	3	258
Pincher	10	.....	.....	10
Redcliff .....	.....	.....	38	38
Rochester .....	.....	.....	.....	.....
Saunders	1,480	80	.....	1,560
Sheerness	26	10	.....	36
Taber	3,381	.....	415	3,796
Whitecourt .....	.....	.....	40	40
Total	97,340	90	21,724	119,154

Number of miss-fire shots recorded in blasting rock in Coal-mines in the Province:

Carbon .....	.....	.....	3	3
Champion .....	.....	.....	1	1
Crowsnest	9	.....	.....	9
Lethbridge	2	.....	.....	2
Mountain Park	9	.....	.....	9
Sheerness	1	.....	.....	1
Whitecourt .....	.....	.....	8	8
Total	21	.....	12	33

ELECTRICITY

The rules for the installation and use of electricity in or about mines require a return to be made to the Department on or before January 15th of each year, giving size, type and any other particulars which may be required of electrical apparatus in use above and below ground. According to the return received from the different mines, electricity was used in 69 different mines in 1943. A summary of these returns regarding the horse-power of electrical apparatus in use is given below.

Areas	No. of mines using Electricity	Horse-power of electrical apparatus in use		Total Horse-power
		Above Ground	Below Ground	
Big Valley	1	13	45	58
Camrose	2	28	17½	45½
Carbon	4	134	231½	365½
Cascade	1	1,140	100	1,240
Coalspur	4	1,180½	795½	1,976
Crowsnest	5	15,210	2,357½	17,567½
Drumheller	21	3,844½	5,615	9,459½
Edmonton	9	600½	1,098	1,698½
Gleichen	2	13	6½	19½
Lethbridge	6	2,167¾	1,365	3,532¾
Mountain Park	3	2,649	1,894	4,543
Nordegg	2	663	107	770
Pembina	2	89	75	164
Pincher	1	64¼	.....	64¼
Prairie Creek	1	75	28½	103½
Redcliff	2	130	90	220
Saunders	2	95	183	278
Taber	1	10	43	53
Total	69	28,106½	14,052	42,158½

COAL-CUTTING MACHINERY

Areas	No. of machines operated by		Tons of coal mined by	
	Elec- tricity	Com- pressed air	Elec- tricity	Com- pressed air
Big Valley	1	1	11,233	1,100
Carbon	6	3	50,083	1,990
Cascade .....	.....	9	.....	78,033
Castor .....	.....	2	.....	8,460
Coalspur .....	.....	3*	.....	.....
.....	.....	24	.....	252,968
Crowsnest .....	.....	158*	.....	865,440
Drumheller	101	1	1,954,360	500
Edmonton	20	3	312,289	10,978
Gleichen .....	.....	1	.....	6,130
Lethbridge	23	.....	574,789	.....
Milk River .....	.....	1	.....	1,295
Pembina	1	.....	6,000	.....
Prairie Creek	1	.....	600	.....
Redcliff	3	.....	27,867	.....
Saunders .....	.....	9	.....	64,789
Taber	1	1	8,504	2,039
Total	157	216	2,945,725	1,293,722

*Compressed air operated picks, 161.

THE MINES BRANCH

ACCIDENTS

Summary table showing Accidents occurring in Mines from 1906 to 1943 inclusive:

Year	Output	Accidents			Tons of coal mined per accident		
		Fatal	Serious	Slight	Fatal	Serious	Slight
1906	1,385,000	10	11	20	138,500	125,909	60,250
1907	1,834,745	19	18	68	96,565	101,930	26,981
1908	1,845,000	11	38	13	167,727	48,552	141,923
1909	2,174,329	9	42	18	241,952	51,769	120,796
1910	3,036,757	61a	41	58	49,782	71,067	52,375
1911	1,694,564	7	32	45	242,080	52,955	37,658
1912	3,446,349	21	38	58	164,111	90,693	59,419
1913	4,306,346	28	60	83	152,789	71,772	51,883
1914	3,821,739	209b	44	50	18,286	86,857	76,434
1915	3,434,891	18	33	33	190,827	104,087	104,087
1916	4,638,604	20	51	34	232,430	91,149	136,723
1917	4,863,414	24	62	39	202,642	78,442	124,703
1918	6,148,620	22	60	77	279,483	102,477	79,860
1919	5,022,412	21	56	54	239,162	89,685	93,008
1920	6,908,923	29	53	38	238,733	130,371	181,814
1921	5,937,195	21	64	25	282,721	92,769	237,488
1922	5,976,432	35	38	35	170,755	157,274	170,755
1923	6,866,923	22	44	10	312,133	156,066	686,692
1924	5,203,713	21	42	40	247,796	123,898	130,093
1925	5,883,394	30	59	56	196,113	99,718	105,060
1926	6,508,908	39c	67	119	166,398	97,148	54,696
1927	6,936,780	26	76	115	266,799	91,273	60,320
1928	7,334,179	28	71	122	261,935	103,298	60,166
1929	7,147,250	31	69	98	230,556	103,583	72,931
1930	5,755,911	11	69	97	523,265	83,419	59,339
1931	4,563,309	16	75	73	285,207	60,844	62,511
1932	4,867,984	11	61	96	442,544	79,803	50,708
1933	4,714,784	6	60	109	785,797	78,580	43,255
1934	4,748,848	15	68	70	316,589	69,836	67,840
1935	5,462,973	35d	66	113	156,085	82,772	48,352
1936	5,696,375	11	79	101	517,852	72,106	56,400
1937	5,551,682	20	72	73	277,584	77,107	76,050
1938	5,230,025	21e	72	135	249,049	72,639	38,741
1939	5,518,105	17	57	180	324,594	96,809	30,657
1940	6,205,088	13	79	97	477,314	78,545	63,970
1941	6,970,064	48f	78	142	145,209	89,360	49,084
1942	7,754,279	17	92	148	456,134	84,285	52,393
1943	7,677,982	25g	73	152	307,119	105,178	50,513
Total	193,073,876	1,028	2,170	2,894	187,815	88,974	66,715

a. Including thirty-one deaths caused by the Bellevue Explosion.

b. Including one hundred and eighty-nine deaths caused by the Hillcrest Explosion.

c. Including ten deaths caused by the McGillivray Creek Coal & Coke Co., Ltd. Explosion.

d. Including sixteen deaths caused by the explosion at the Lethbridge Collieries Ltd., at Coalhurst.

e. Including five deaths caused by the explosion at Hinton Collieries Limited.

f. Including four deaths caused by an explosion at North American Collieries, Ltd., Western Crown Mine, and twenty-nine deaths caused by an explosion at Brazeau Collieries, Ltd., Nordegg.

g. Including four deaths caused by an explosion at the Kerralta Coal Co., Lethbridge.

ACCIDENTS DURING 1943, CLASSIFIED ACCORDING TO THE COAL FIELDS IN WHICH THEY OCCURRED

Domestic	3,416,037	11	43	107	310,548	79,442	31,925
Sub-Bituminous	791,952	2	6	7	395,976	131,992	127,421
Bituminous	3,469,993	12	12	38	289,166	144,583	91,315

Comparison of Accidents per 1,000,000 tons and per 1,000 men employed, 1915-1943:

Year	Tonnage	Total No. of men employed	Fatal Accidents			Serious Accidents			Slight Accidents			Total	
			No.	Per 1,000,000 tons	Per 1,000 men employed	No.	Per 1,000,000 tons	Per 1,000 men employed	No.	Per 1,000,000 tons	Per 1,000 men employed	Per 1,000,000 tons	No.
1915	3,434,891	6,445	18	5.24	2.79	33	9.63	5.12	33	9.63	5.12	24.45	84
1916	4,538,604	7,570	20	4.31	2.64	51	10.99	6.74	34	7.33	4.49	22.61	105
1917	4,863,414	8,310	24	4.93	2.88	62	12.75	7.46	39	8.02	4.69	25.91	125
1918	6,148,620	8,774	22	3.57	2.51	60	9.95	6.84	77	12.52	7.68	23.85	139
1919	5,022,412	7,573	21	4.18	2.78	56	11.15	7.39	54	10.75	7.13	26.28	131
1920	6,908,923	8,688	29	4.20	2.99	53	7.81	6.10	38	5.50	4.37	17.37	120
1921	5,937,195	10,010	21	3.54	2.10	64	10.78	6.39	25	4.23	2.50	18.53	110
1922	5,976,432	8,547	35	5.86	4.09	38	6.36	4.45	35	5.86	4.09	18.07	108
1923	6,866,923	9,927	22	3.19	2.21	44	6.39	4.43	10	1.45	1.00	11.07	76
1924	5,203,713	7,317	21	4.03	2.86	42	8.07	5.74	40	7.68	5.47	10.3	103
1925	5,883,394	8,774	30	5.10	3.40	59	10.03	3.42	56	9.52	6.38	24.65	145
1926	6,508,908	8,763	39c	5.99	4.99	67	10.29	7.65	119	10.33	13.58	22.5	225
1927	6,936,780	9,016	26	3.75	2.88	76	10.96	8.43	115	16.50	12.71	31.28	217
1928	7,334,179	9,496	28	3.82	2.96	71	9.68	7.48	122	16.63	12.85	30.12	221
1929	7,147,250	9,572	31	4.34	3.24	69	9.65	7.21	98	13.71	10.24	198	270
1930	5,755,911	8,889	11	1.91	1.24	69	11.99	7.76	97	17.20	10.90	30.75	177
1931	4,563,309	8,070	16	3.51	1.98	75	16.44	9.27	73	16.00	9.04	35.92	202
1932	4,867,984	7,837	11	2.26	1.40	61	12.53	7.78	96	19.72	12.25	34.51	168
1933	4,714,784	8,042	6	1.27	1.75	60	12.73	7.46	108	20.99	13.55	37.12	175
1934	4,748,848	7,863	15	3.14	1.91	68	14.31	8.65	70	14.74	8.90	34.51	153
1935	5,462,973	7,824	35d	6.40	4.47	66	12.08	8.44	113	20.68	14.44	39.17	214
1936	5,696,375	8,110	11	1.93	1.36	79	13.87	9.74	101	17.73	12.45	33.53	191
1937	5,551,683	7,836	20	3.60	2.55	72	12.97	9.19	73	13.15	9.32	29.72	165
1938	5,230,025	7,411	21e	4.01	2.83	72	13.76	9.71	135	25.81	18.21	43.59	228
1939	5,518,105	7,456	17	3.08	2.27	57	10.33	7.64	180	32.60	24.14	46.03	254
1940	*6,205,088	7,416	13	2.10	1.76	79	12.73	10.65	97	15.63	13.08	30.46	189
1941	*6,970,064	7,714	48f	6.89	6.22	78	11.19	10.11	142	20.37	18.41	38.73	268
1942	*7,754,279	8,040	17	2.19	2.11	92	11.86	11.44	148	19.09	18.40	33.14	257
1943	*7,677,982	8,636	25	3.26	2.89	73	9.51	8.45	152	19.80	17.60	32.56	250

c. Including 10 deaths by explosion at McGillivray Creek Coal & Coke Co., Ltd., Coleman.

d. Including 16 deaths by explosion at Lethbridge Collieries Ltd., Coalhurst.

e. Including 5 deaths by explosion at Hinton Collieries Ltd., Hinton.

f. Including 4 deaths by explosion at North American Collieries, Ltd., East Coulee, and 29 deaths by explosion at Brazeau Collieries, Ltd., Nordegg.

*Output does not include coal produced by farmers under permit

THE MINES BRANCH

Number of tons produced per accident:

DOMESTIC COAL FIELD

Areas	Output	Average No. of men employed	No. of tons produced per accident			
			Fatal	Serious	Slight	Total
Ardley	10,239	19	.....	.....	.....	.....
Big Valley	12,836	20	.....	.....	.....	.....
Brooks	30,381	19	.....	.....	.....	.....
Camrose	63,834	86	.....	.....	.....	.....
Carbon	68,391	100	.....	.....	34,195	34,195
Castor	59,764	101	.....	.....	59,764	59,764
Champion	11,776	25	.....	.....	.....	.....
Drumheller	1,838,738	2,087	459,684	91,936	35,360	24,193
Edmonton	457,002	639	228,501	57,125	50,778	24,052
Gleichen	21,369	51	.....	.....	.....	.....
Halcourt	1,873	10	.....	.....	.....	.....
High Prairie	191	3	.....	.....	.....	.....
Lethbridge	579,234	658	144,808	414,231	.....	13,791
Milk River	2,634	6	.....	.....	.....	.....
Pakowki	419	2	.....	.....	.....	.....
Pembina	53,611	70	.....	.....	.....	.....
Redcliff	28,165	36	.....	.....	.....	.....
Rochester	7,287	10	.....	.....	.....	.....
Sheerness	58,933	29	.....	.....	.....	.....
Taber	20,596	59	20,596	20,596	20,596	6,865
Tofield	85,313	58	.....	.....	.....	.....
Wetaskiwin	3,272	5	.....	.....	.....	.....
Whitecourt	179	1	.....	.....	.....	.....
Total	3,416,037	4,094	136,641	46,795	22,474	13,664

SUB-BITUMINOUS COAL FIELD

Coalspur	713,082	654	356,541	142,616	101,868	50,934
Pekisko	11,802	13	.....	11,802	.....	11,802
Pincher	451	2	.....	.....	.....	.....
Prairie Creek	1,828	116	.....	.....	.....	.....
Saunders	64,789	17	.....	.....	.....	.....
Total	791,952	802	31,678	10,848	5,210	3,168

BITUMINOUS COAL FIELD

Cascade	343,476	309	343,476	.....	.....	343,476
Crowsnest	1,962,557	2,135	327,092	140,182	2,180,617	67,674
Mountain Park	843,411	876	.....	.....	.....	.....
Nordegg	320,549	420	320,549	80,135	64,109	32,054
Total	3,469,993	3,740	138,800	47,534	22,829	13,880

SUMMARY

Domestic	3,416,037	4,094	310,548	79,442	31,925	21,217
Sub-Bituminous	791,952	802	395,976	131,992	127,421	52,796
Bituminous	3,469,993	3,740	289,166	144,583	91,315	46,891
Total	7,677,982	8,636	307,119	105,177	50,513	30,712

Classification of Accidents according to output of mines which produced during the year 1943:

	Under 1,000 tons	From 1,000 to 5,000 tons	From 5,000 to 10,000 tons	From 10,000 to 50,000 tons	From 50,000 to 100,000 tons	From 100,000 to 150,000 tons	From 150,000 to 200,000 tons	From 200,000 to 300,000 tons	Over 300,000 tons	Total
Fatal .....	.....	.....	5	1	2	3	2	6	6	25
Serious .....	.....	.....	4	6	10	10	4	28	11	73
Slight	2	2	2	9	8	44	6	59	20	152
Total	2	2	11	16	20	57	12	93	37	250
Tons of coal produced per accident:										
Fatal .....	.....	.....	29,695	664,732	374,762	213,815	448,050	337,937	396,117	307,118
Serious .....	.....	.....	37,119	110,788	74,952	64,144	224,025	72,415	216,064	105,178
Slight	12,764	73,919	74,239	73,859	93,690	149,578	149,350	34,366	118,835	50,513
Total	12,764	73,919	13,498	41,545	37,476	11,253	74,675	21,802	64,235	30,711

FATAL ACCIDENTS

John Ozymko, driver, age 40, on January 7th, in the mine operated by the Brazeau Collieries, Ltd., Nordegg. While he was bringing out a loaded trip on 4 left level, 1 slope, No. 3 seam, he fell off the trip and was found dead, under a loaded car.

John Blake, miner, age 55, on January 30th, in the mine operated by the Canmore Mines, Ltd., Canmore. He was struck by rock falling from the roof while working in No. 6 pillar, 15 slope, Morris seam, causing fatal injuries.

Vincenty Cieslak, miner, age 43, on February 27th, in the mine operated by the McGillivray Creek Coal & Coke Co., Ltd., Coleman. He was struck by rock falling from the roof, while working at 2nd crosscut, 48 pillar, 4 level, No. 2 seam, causing instant death.

James Radford, assistant overman, age 63, on March 2nd, in the mine operated by the West Canadian Collieries, Ltd., Bellevue. While riding on locomotive on 8 level gangway, the trip went off the track crushing him between the first car and the locomotive, causing fatal injuries.

Mike Novak, overman, age 56, on March 4th in the mine operated by the Oliver Coal Mines, Taber. He was struck by rock falling from the roof at the face of back entry, causing fatal injuries to his skull.

John Snarski, miner, age 58, on April 10th, in the mine operated by the Rosedale Collieries, Ltd., Rosedale. He was struck by rock falling from the roof, while working in No. 4 room, 8 west entry, 2nd south, causing fatal injuries.

Frank Naccaroto, miner, age 54, on May 13th, in the mine operated by the McLeod River Hard Coal Co. (1941), Ltd., Mercoal. He was tamping a bench shot in No. 3 room, east A level, when he was struck by coal falling from the working face, causing instant death.

Frederick A. Bealle, fireboss, age 55, and John A. Smith, miner, age 52, on July 16th, in the mine operated by the Cadomin Coal Co., Ltd., Cadomin. While working between Nos. 3 and 4 raises on coal counter, 8 panel, shaft mine, they were asphyxiated by a large quantity of gas being released by a bump in No. 8 panel.

Dan Babala, miner, age 48, on August 4th, in the mine operated by the Luscar Coals, Ltd., Luscar. While releasing coal from battery in 27 angle, prospect mine, he was washed into the chute by wet slack coal, causing death by suffocation.

S. A. B. Crabb, overman, age 68, W. B. King, electrician, age 45, J. Zubrey, miner, age 33, and J. Pinte, miner, age 50, on August 9th, in the mine operated by the Kerralta Coal Company, Lethbridge. While repairing a coal-cutting machine in No. 8 room, they were fatally injured by an explosion of Methane gas.

John Vanjoff, locomotive driver, age 20, on August 13th, in the mine operated by the International Coal & Coke Co., Ltd., Coleman. While spotting cars at No. 83 chute, he was caught between the locomotive and the low side rib of the entry, causing fatal injuries.

Bertram Brown, driver, age 36, on October 2nd, in the mine operated by the Murray Collieries, Ltd., East Coulee. While driving on 3 N. haulage, 9 right entry, he stopped to open a door and the horse started to run. He tried to unhook the tail chain, but slipped and fell under the car, causing compression, fracture of the spine, from which he died on October 9th.

Fred Slugg, miner, age 23, on October 18th, in the mine operated by the McGillivray Creek Coal & Coke Co., Ltd., Coleman. He was working in 168 pillar, No. 1 level, and was buried under a large fall of rock causing fatal injuries, body recovered following day.

Robert Wilson, miner, age 46, on October 18th, in the mine operated by the McGillivray Creek Coal & Coke Co., Ltd., Coleman. He was working with Fred Slugg in 168 pillar, No. 1 level, and was buried by the same fall of rock.

Arthur Irwin, craneman, steam shovel, age 56, on October 20th, in the mine operated by Sterling Collieries Co., Ltd., Sterco. While working in strip pit, he was struck by the boom of the steam shovel when it turned over on its side, causing fatal injuries.

Joe Peto, timber packer, age 21, on October 21st, in the mine operated by the Hillcrest-Mohawk Collieries, Ltd., Bellevue. While attempting to get on a truck while in motion, he slipped off fender and fell under the rear wheel, causing compound fracture of right femur and injured pelvis, from the effects of which he died October 22nd.

Steve Andrusiak, underground labourer, age 26, on November 22nd, in the mine operated by the Kent Coal Co., Ltd., Edmonton. He was shovelling rock on No. 7 timber entry, and was struck by rock falling from the roof, causing internal injuries, from which he died November 27th.

Stewart Milley, mine car coupler, age 61, on November 23rd, in the mine operated by the International Coal & Coke Co., Ltd., Coleman. While lifting a car onto the track at tipple, he was struck on the head by an iron bar that was bumped by a car coming from the coal dump, causing serious head injuries, from the effects of which he died on November 25th.

Tom Chicoski, miner, age 60, on December 3rd, in the mine operated by Newcastle Collieries, Ltd., Drumheller. While loading coal in No. 2 room, 11 north 5 face, he was struck by rock falling from the roof, causing fatal injuries.

John Twardy, miner, age 41, on December 14th, in the mine operated by Dawson Coal, Ltd., Edmonton. He was timbering in No. 8 room, 11 west back entry, when he was struck by rock falling from the roof, causing his death.

Julius Neilsen, locomotive switchman, age 42, on December 29th, in the mine operated by the Murray Collieries, Ltd., East Coulee. He was riding on locomotive, and the horse was knocked down and the trip was derailed, resulting in Neilsen being pinned against the roadside timbers, causing his death.

ACCIDENTS AS THEY OCCURRED BY MONTHS DURING THE YEAR 1943:

Months	Above Ground				Under Ground				Total Above and Under Ground
	Fatal	Serious	Slight	Total	Fatal	Serious	Slight	Total	
January	5	3	8	2	8	8	18	26
February	2	2	4	1	5	10	16	18
March	1	1	2	2	4	19	25	27
April	1	1	2	1	5	4	10	11
May	3	3	1	3	6	10	13
June	1	3	4	..	5	9	14	18
July	3	7	13	23	23
August	1	..	1	6	5	10	21	22
September	1	1	2	..	6	8	14	16
October	2	..	1	3	3	2	16	21	24
November	2	5	7	1	6	13	20	27
December	4	4	3	6	12	21	25
Total	2	11	24	37	23	62	128	213	250

ACCIDENTS OCCURRING IN THE PROVINCE ABOVE AND UNDER GROUND DURING THE YEAR 1943:

Cause of Accident	Above Ground				Under Ground				Total Above and Under Ground
	Fatal	Serious	Slight	Total	Fatal	Serious	Slight	Total	
Haulage	2	1	3	6	20	27	53	56
Fall of rock	7	18	12	37	37
Fall of coal	3	9	24	36	36
Loading coal	15	15	15
Loading rock	1	1	1
Chute loading	1	..	..	1	1
Timbering	1	9	10	10
Coal-cutting machinery	3	12	15	15
Tippie machinery	2	1	3	..	..	..	..	3
Surface machinery	1	3	..	4	..	1	3	4	8
Underground machinery	1	1	1
Box cars	1	1	..	..	..	..	1
Coupling cars	1	1	..	..	3	3	4
Spragging cars	3	3	3
Inundation	1	..	1	1
Asphyxiation by methane gas	2	..	..	2	2
Explosives	1	4	5	5
Explosion	4	..	..	4	4
Miscellaneous	1	4	20	25	..	8	14	22	47
Total	2	11	24	37	23	62	128	213	250

Accidents occurring in the Province above and under ground for the year 1943,
classified according to the areas in which they occurred:

DOMESTIC

Area	Above Ground				Under Ground				Total Above and Under Ground
	Fatal	Serious	Slight	Total	Fatal	Serious	Slight	Total	
Carbon	2	2	2
Castor	1	1	...	...	...	...	1
Drumheller	1	5	6	4	19	47	70	76
Edmonton	1	5	6	2	7	4	13	19
Lethbridge	1	2	3	4	13	40	57	60
Taber	1	...	1	1	...	1	2	3
Total	4	13	17	11	39	94	144	161

SUB-BITUMINOUS

Coalspur	1	2	1	4	1	3	6	10	14
Pekisko .....	...	...	...	...	...	1	...	1	1
Total	1	2	1	4	1	4	6	11	15

BITUMINOUS

Cascade .....	...	...	...	...	1	...	...	1	1
Crowsnest	1	2	2	5	5	12	7	24	29
Nordegg .....	...	1	2	3	1	3	3	7	10
Mountain Park .....	...	2	6	8	4	4	18	26	34
Total	1	5	10	16	11	19	28	58	74

[illegible]

Cause	Above Ground				Under Ground				Total Above and Under Ground
	Fatal	Serious	Slight	Total	Fatal	Serious	Slight	Total	
Miscellaneous, hand caught when cranking pump engine	1	1	.....	.....	.....	.....	1
Miscellaneous, caught against side of hoisting shaft while repairing skip	1	.....	1	.....	.....	.....	.....	1
Miscellaneous, grain door fell on his foot	1	1	.....	.....	.....	.....	1
Miscellaneous, steel plate fell on his foot	1	1	.....	.....	.....	.....	1
Miscellaneous, piece of machinery fell on his foot	1	1	.....	.....	.....	.....	1
Miscellaneous, struck by runaway car	1	.....	1	1
Miscellaneous, stepped on a nail	1	1	.....	.....	.....	.....	1
Miscellaneous, hand struck with axe	1	1	1
Miscellaneous, piece of timber fell on his foot	1	1	.....	.....	.....	.....	1
Total	4	13	17	11	39	94	144	161

SUB-BITUMINOUS

Cause	Above Ground				Under Ground				Total Above and Under Ground
	Fatal	Serious	Slight	Total	Fatal	Serious	Slight	Total	
Rope Haulage, struck by rope when it broke	1	.....	1	.....	.....	.....	.....	1
Horse Haulage, caught between the tail chain and car when horse turned	1	.....	1	1
Hand Haulage, caught between cars	1	1	.....	.....	.....	.....	1
Fall of rock in room	1	.....	1	1
Fall of rock in entry	1	.....	1	1
Fall of coal in room	1	.....	1	1
Fall of coal on entry	1	1	2
Surface Machinery, steam shovel tipped and caught him underneath	1	.....	.....	1	.....	.....	.....	.....	1
Surface Machinery, struck when jack recoiled on steam shovel	1	.....	1	.....	.....	.....	.....	1
Coal-cutting Machinery, struck by machine bar when it slipped	1
Miscellaneous, slipped and fell	1	3	4	4
Total	1	2	1	4	1	4	6	11	15

BITUMINOUS—Continued

Cause	Above Ground				Under Ground			Total Above and Under Ground
	Fatal	Serious	Slight	Total	Fatal	Serious	Slight	Total
Miscellaneous, timber fell on foot			1	1				1
Miscellaneous, piece of machinery fell on his foot			1	1				1
Miscellaneous, hand caught in pump motor when he slipped							1	1
Miscellaneous, fell from truck		1		1				1
Miscellaneous, struck by material on picking table			1	1				1
Miscellaneous, ringer caught between cage dog and side of cage							1	1
Miscellaneous, caught between timber trucks on surface			1	1				1
Miscellaneous, fell while working on tipple			1	1				1
Total	1	5	10	16	11	19	28	58
								74

SUMMARY

Domestic		4	13	17		11	39	94	144	161
Sub-Bituminous	1	2	1	4		1	4	6	11	15
Bituminous	1	5	10	16		11	19	28	58	74
Total	2	11	24	37		23	62	128	213	250

Accidents during 1943, classified according to the Mine in which they occurred:

DOMESTIC COAL FIELD

[illegible]

SUB-BITUMINOUS COAL FIELD

Name of Operator	Area	Above Ground			Under Ground			Total Above and Under Ground		
		Fatal	Serious	Slight	Total	Fatal	Serious		Slight	Total
Sterling Collieries, Ltd.	Coalspur	1			1				1	
Foothills Collieries, Ltd.	Coalspur								2	
McLeod River Hard Coal Co. (1941), Ltd.	Coalspur		1	1	2	1	2	5	10	
Coal Valley Mining Co.	Coalspur		1		1				1	
Harry Swan	Pekisko						1		1	
Total		1	2	1	4	1	4	6	15	

BITUMINOUS COAL FIELD

Canmore Mines, Ltd.	Cascade							1	1
West Canadian Collieries, Ltd.	Crowsnest				1	3		5	5
International Coal & Coke Co., Ltd.	Crowsnest	1	2	2	1	3	4	10	10
Hillcrest Mohawk Collieries, Ltd.	Crowsnest					1		1	4
McGillivray Creek Coal & Coke Co., Ltd.	Crowsnest					2		5	5
West Canadian Collieries, Ltd.	Crowsnest					3	2	5	5
Mountain Park Coals	Crowsnest		1	5		3	2	12	18
Cadomin Coal Co., Ltd.	Mountain Park					2	10	5	5
Luscar Coals, Ltd.	Mountain Park		1	1		2	1	7	11
Brazeau Collieries, Ltd.	Nordegg		1	1		3	3	7	9
Brazeau Collieries, Ltd.	Nordegg			1		1		1	1
Total		1	5	10	16	11	28	58	74

SUMMARY

Domestic			4	13	17	11	94	144	161
Sub-Bituminous		1	2	1	4	1	6	11	15
Bituminous		1	5	10	16	11	28	58	74
Total		2	11	24	37	23	128	213	250

LIST OF PROSECUTIONS INSTITUTED UNDER THE MINES ACT, FOR THE YEAR ENDING DECEMBER 31, 1943

Mine in which Contravention was Committed	Description of Defendant	Offence Charged	Result of Proceedings	Penalty	Costs
West Canadian Collieries, Ltd. (Greenhill Mine)	Coal Bucker	Sleeping in the mine	Convicted	Fined \$10.00 and costs	\$ 4.00
West Canadian Collieries, Ltd. (Greenhill Mine)	Miner	Did unlawfully couple up a firing cable to detonator	Convicted	Fined \$20.00 and costs	4.00
Hillcrest-Mohawk Collieries, Ltd.	Holstman	Smoking in the mine	Convicted	Fined \$50.00 and costs	6.00
Acme Coal Mine (John May)	Operator & Overman	Did unlawfully permit underground working of said mine without same being under the control and daily supervision of an overman	Convicted	Fined \$25.00 and costs or 30 days' imprisonment	3.25
McGillivray Creek Coal & Coke Co., Ltd.	Timber packer	Did unlawfully have in his possession a lucifer match in the mine	Convicted	Fined \$5.00 and costs	4.00
McGillivray Creek Coal & Coke Co., Ltd.	Timberman	Did unlawfully have in his possession two lucifer matches	Convicted	Fined \$5.00	3.00
McGillivray Creek Coal & Coke Co., Ltd.	Mine Manager	Failed to drill when approaching old workings	Convicted	Fined \$25.00	3.00
Fish Creek Mine (H. Swan)	Overman	Failed to make a report of his inspection and post copy at the mine, also leaving explosives and detonators loose in mine	Convicted	Fined \$5.00 and costs or 6 days' imprisonment	3.50
West Canadian Collieries, Ltd. (Greenhill Mine)	Miner	Unlawfully having in his possession lucifer matches and cigarettes	Convicted	Fined \$10.00 and costs	4.00
Luscar Coals, Ltd.	Fireboss	Failed to report immediately to manager or overman a breach of the provisions of the Act, to wit, a shot-firing battery in an unlawful place in the mine	Convicted	Fined \$25.00	4.00
Luscar Coals, Ltd.	Miner	Had in his control detonators without being appointed in writing manager to have same	Convicted	Fined \$25.00	4.00
Luscar Coals, Ltd.	Overman	Failed to fulfill his statutory duties as overman, in knowingly allowing a shot-firing battery to remain in an unlawful place in the mine	Convicted	Fined \$25.00	4.00
Brazeau Collieries, Ltd.	Agent & General Manager	Failed to provide sufficient ventilation to properly ventilate the working places of the mine	Convicted	Fined \$100.00	2.25
Hillcrest-Mohawk Collieries, Ltd.	Miner	Committed an act likely to cause danger to himself or some other person by knocking out a set of timber	Convicted	Fined \$10.00	4.50
McGillivray Creek Coal & Coke Co., Ltd.	Miner	Riding on a loaded car without permission from the manager or overman	Convicted	Fined \$10.00	4.50

LIST OF PROSECUTIONS INSTITUTED UNDER THE MINES ACT, FOR THE YEAR ENDING DECEMBER 31, 1943—Continued

Mine in which Contravention was Committed	Description of Defendant	Offence Charged	Result of Proceedings	Penalty	Costs
McLeod River Hard Coal Co. (1941), Ltd.	Timber packer	Unlawfully in possession of matches while in the mine	Convicted	Fined \$5.00	6.25
McLeod River Hard Coal Co. (1941), Ltd.	Timber packer	Unlawfully in possession of matches while in the mine	Convicted	Fined \$10.00	6.25
J. J. Hamilton Coal Co.	Miner	Had in his possession underground, smoking tobacco and matches	Convicted	Fined \$10.00	4.50
Fish Creek Mine	Miner	Fired a shot, not being the holder of a third class certificate	Convicted	Fined \$1.00	1.75
Fish Creek Mine	Overman	Failed to supervise firing of a shot	Convicted	Fined \$21.00	3.50
McLeod River Hard Coal Co. (1941), Ltd.	Loco. driver	Riding on cars on main slope without permission of the manager	Convicted	Fined \$10.00	4.25
Kerralta Coal Company	Examiner	Fired shot of explosive in the mine without finding it safe to do so contrary to Sec. 139 of The Mines Act	Convicted	Fined \$50.00 or 60 days' in jail	3.50
Kerralta Coal Company	Examiner	As examiner unlawfully failed to inspect underground workings of the mine contrary to section 127 of The Mines Act	Convicted	Fined \$50.00 or 60 days' in jail	.....

The following table gives particulars of mines which were in operation during the year 1943 in the Province:

LIST OF MINES

Mine No.	Operator	Address	Location L.S.T.R.M.	Character of Coal	Date of	
					Opening	Aban- donment Closing
Ardley Area						
255	F. A. Straub	Alix	N.E. 1/4	Domestic	1910	.....
809	J. W. Sissons	Alix	5-17-38-23-4	Domestic	1919	.....
969	James Blades	Delburne	6-35-38-23-4	Domestic	1921	.....
1018	Alex. J. Johnson	Ardley	14-10-38-22-4	Domestic	1922	.....
1135	Carl Kurp	Delburne	3-17-38-23-4	Domestic	1924	.....
1322	John Lyness	Delburne	4- 7-38-23-4	Domestic	1930	.....
1488	Charles O. Russell	Alix	16- 7-38-23-4	Domestic	1935	.....
1586	Kehl & McGladrie	Nevis	3-29-38-23-4	Domestic	1942	.....
1605	Myers & Munro	Ardley	4-5-35-37-22-4	Domestic	1943	.....
1613	Wm. Barrell	Ardley	12-35-38-23-4	Domestic	1943	.....
Big Valley Area						
864	Big Valley Coal Company	Big Valley	16-26-35-20-4	Domestic	1920	.....
1189	James McKinlay	Huxley	13	Domestic	1924	.....
1254	Robert Campkin	Lousana	14- 3-34-22-4	Domestic	1927	.....
1376	J. A. Ginther	Perbeck	16-12-36-22-4 7-30-34-21-4	Domestic	1931	.....
Brooks Area						
1329	Kleenbirn Collieries, Ltd.	Eyremore	3-16-17-17-4	Domestic	1930	.....
1404	Birnwel Coal, Ltd.	Eyremore	8-15-17-17-4	Domestic	1932	.....
Camrose Area						
241	Joe Proskow	Dinant	4-18-48-19-4	Domestic	1910	.....
244	Stoney Creek Collieries, Ltd.	Camrose	1-33-46-20-4	Domestic	1910	.....
610	L. Strilczyk	Ohaton	8-10-48-18-4	Domestic	1915	.....
1420	Red Flame Coal Co. Ltd.	Round Hill	14-19-48-18-4	Domestic	1933	.....
1524	Geo. Shute & Partners	Dinant	7-48-19-4	Domestic	1937	.....
1603	Camrose Collieries, Ltd.	Camrose	2, 6, 7, 10-11-29-46-19-4	Domestic	1943	.....
Carbon Area						
53	Spencer & Dolphin	Carbon	3-14-29-23-4	Domestic	1898	.....
384	Canadian Dinant Coal Co., Ltd.	Three Hills	3-36-31-24-4	Domestic	1906	.....
690	J. W. Rynning	Rowley	4-13-32-21-4	Domestic	1917	.....

LIST OF MINES—Continued

Mine No.	Operator	Address	Location	L.S.T.R.M.	Character of Coal	Date of	
						Opening	Abandonment Closing
710	Geo. C. Yard & Son	Trochu	E. $\frac{1}{4}$	9-14-33-23-4	Domestic	1917	.....
904	Peerless Carbon Collieries	Carbon		7-16-29-23-4	Domestic	1921	.....
921	Otto Schiender	Trochu		15-14-33-23-4	Domestic	1921	.....
1060	East Carbon Coal Co. (A. Fox)	Trochu		12-13- 7-29-22-4	Domestic	1922	.....
1226	C. C. Campbell	Trochu	W. $\frac{1}{2}$	9-29-33-22-4	Domestic	1926	.....
1283	Richard Bradshaw	Trochu		8-14-33-23-4	Domestic	1928	.....
1359	Balogh Brothers	Carbon		8-13-29-23-4	Domestic	1931	.....
1499	Nuttall & Davidson	Three Hills		1- 9-31-22-4	Domestic	1936	.....
1538	W. Pasforchik & Partners	Three Hills	S.E. $\frac{1}{4}$	10- 9-31-22-4	Domestic	1938	.....
1600	Peerless Coal Co.	Carbon		2-15-29-23-4	Domestic	1943	.....
Cascade Area							
2	The Canmore Mines, Ltd.	Canmore	N.E. $\frac{1}{4}$	1-29-24-10-5	Bituminous	1891	.....
1244	Frank Wheatley & Sons	Banff		12- 4-26-11-5	Bituminous	1926	.....
Castor Area							
251	John Tyrluk	Heister	S.W. $\frac{1}{4}$	16-28-42-17-4	Domestic	1910	.....
289	Bailey Bros. & Jackson	Gadsby	N.W. $\frac{1}{4}$	11-28-39-16-4	Domestic	1911	.....
291	James Chiswick	Gadsby	S. $\frac{1}{2}$	11-28-39-16-4	Domestic	1911	.....
447	Max LeGear	Forestburg		13-28-40-15-4	Domestic	1914	.....
615	John Sank	Heister		8-9-28-42-17-4	Domestic	1915	.....
666	K.M. Coal Mine	Forestburg		16- 2-41-16-4	Domestic	1916	.....
902	O. V. Remillard	Castor		16-33-37-14-4	Domestic	1921	.....
911	F. G. Meek	Heister		1-33-42-17-4	Domestic	1921	.....
913	Ben Hronek	Heister		1- 7-39-15-4	Domestic	1921	.....
948	C. H. Hanson	Rosalind		6- 8-43-17-4	Domestic	1921	.....
953	Wm. Jones	Forestburg		1- 8-32-40-15-4	Domestic	1921	.....
1046	J. F. Cordel	Halkirk		6-20-40-15-4	Domestic	1921	.....
1062	Chas. Strader	Halkirk		4-17-39-15-4	Domestic	1922	.....
1232	A. O'Brien	Halkirk	N.W. $\frac{1}{4}$	25-40-16-4	Domestic	1926	.....
1237	James Wilkinson	Halkirk		11- 8-39-15-4	Domestic	1926	.....
1240	W. T. Phillips	Castor		1-2-4- 4-38-14-4	Domestic	1926	.....
1248	Thomas Hattinson	Donalda		2-3-29-41-17-4	Domestic	1926	.....
1343	Joseph Haden	Castor		3- 3-38-14-4	Domestic	1926	.....
1349	James Bradley	Foreman		16-26-40-16-4	Domestic	1930	.....
1361	Mrs. Dan Shaw	Castor		9-33-37-14-4	Domestic	1931	.....
1417	James Easton	Castor		14-34-37-16-4	Domestic	1931	.....
1435	E. Lien	Edberg		6-11- 2-44-19-4	Domestic	1933	.....
1441	Marshall & Heisz Coal Co.	Donalda		12-16-42-17-4	Domestic	1933	.....
1485	Floyd N. Wiltse	Halkirk		9-16-31-39-15-4	Domestic	1935	.....

LIST OF MINES—Continued

Mine No.	Operator	Address	Location L.S.S.T.R.M.	Character of Coal	Date of	
					Opening	Aban- donment Closing
1117	O. W. Whittaker	Beynon	3- 6-28-20-4	Domestic	1923	.....
1258	Brilliant Coal Co.	Drumheller	11-14-10-29-20-4	Domestic	1927	.....
1279	Empire Collieries, Ltd.	Willow Creek	6- 7-28-18-4	Domestic	1928	1943
1299	Empire Collieries, Ltd.	East Coulee	2-32-27-18-4	Domestic	1929	.....
1421	Hy-Grade Coal Mining Co., Ltd.	Drumheller	13-11-29-20-4	Domestic	1933	.....
1473	Monarch Coal Mining Co., Ltd.	Drumheller	7- 8-29-20-4	Domestic	1935	.....
1484	Regal Coal Co., Ltd.	Drumheller	13-21-27-18-4	Domestic	1935	.....
1491	Murray Collieries, Ltd.	Drumheller	29-27-18-4	Domestic	1936	.....
1493	Western Gem & Jewel Collieries, Ltd.	Cambria	6-15-28-19-4	Domestic	1936	.....
1511	Aetha Coal Company	Drumheller	1-22-28-18-4	Domestic	1937	.....
1515	E. B. Foye	Willow Creek	10-22-28-18-4	Domestic	1937	.....
1520	The Minute Coal Company	Drumheller	7-14-29-20-4	Domestic	1937	.....
1570	Sovereign Coal Co., Ltd.	Wayne	8- 7-28-19-4	Domestic	1940	.....
1573	Monarch Coal Mining Co., Ltd.	Drumheller	1-20-27-18-4	Domestic	1940	.....
1583	John Hamilton	Delia	8	Domestic	1942	.....
1589	Arcadia Coal Mines, Ltd.	Willow Creek	9-23-28-18-4	Domestic	1943	.....
1599	Burn-Brite Coal Co.	Drumheller	16- 7-28-18-4	Domestic	1943	.....
1601	Dumphy Coal Co.	Drumheller	22-28-18-4	Domestic	1943	.....
			6-14-29-21-4	Domestic	1943	.....
	Edmonton Area					
29	H. W. Smith (White Star Mine)	Edmonton	11-25-51-25-4	Domestic	1897	.....
91	Ottewell Coal Company	Clover Bar	17-53-23-4	Domestic	1904	.....
99	Great West Coal Co., Ltd.	Clover Bar	10- 7-53-23-4	Domestic	1903	.....
129	John Camarta	Cardiff	16-23-55-25-4	Domestic	1907	.....
155	Dawson Coal, Ltd.	Edmonton	R.L. 25 Edmonton Sett. Rifle Range	Domestic	1907	.....
351	Frank Chiarello	Legal	S.W. 1/4 25-57-25-4	Domestic	1912	.....
428	Banner Coals, Ltd.	Carbondale	10- 8-55-24-4	Domestic	1914	.....
707	Bush Mines, Ltd.	Beverly	R.L. 40 Edmonton Sett.	Domestic	1917	.....
753	Dickinson & Knight	Carbondale	14- 8-55-24-4	Domestic	1918	1943
1034	H. Molzan	Edmonton	6-25-51-25-4	Domestic	1922	.....
1098	Long Coal Company	Namoo	4-31-54-24-4	Domestic	1923	.....
1233	Mike Sinoski	Edmonton	5-25-51-25-4	Domestic	1926	.....
1266	Edmonton Collieries, Ltd.	Namoo	14-36-54-25-4	Domestic	1927	.....
1297	Ellerslie Collieries	Ellerslie	1-26-51-25-4	Domestic	1929	.....
1316	Samis Collieries	Namoo	11-36-54-25-4	Domestic	1929	.....
1352	Twin City Coal Company	Edmonton	8-26-51-25-4	Domestic	1931	.....
1357	Red Hot Coal Co., Ltd.	Edmonton	R.L. 33 Edmonton Sett.	Domestic	1931	.....
1366	Beverly Coal Co., Ltd.	Beverly	6-13-53-24-4	Domestic	1931	.....
1393	Ottewell Coal Company	Edmonton	Block X, N.E. 1/4 36-52-24-4	Domestic	1932	.....

1419	Opalinski & Sinoski	Edmonton	S.W. $\frac{1}{4}$	4-25-51-25-4	Domestic	1933
1427	Kent Coal Co., Ltd.	Edmonton	N.E. $\frac{1}{4}$	30-52-23-4	Domestic	1933
1463	Riverdale Coal Co., Ltd.	Namoo	N.W. $\frac{1}{4}$	5-55-24-4	Domestic	1934
1476	Dickinson, Knight & Dickinson	Carbondale		9-55-24-4	Domestic	1935
1492	John May	Edmonton		7-25-51-25-4	Domestic	1936
1496	D. J. Gwilliam	Namoo		3- 6-55-24-4	Domestic	1936
1559	Mucha & Pickard	Edmonton		12-25-51-25-4	Domestic	1939
1560	K. Nimko	Edmonton	N.E. $\frac{1}{4}$	11-25-51-25-4	Domestic	1939
1582	Egg Lake Coal Co.	Moriville	W. $\frac{1}{2}$	38-56-26-4	Domestic	1941
1594	John G. Mucha	Edmonton		13-25-51-25-4	Domestic	1943
Gleichen Area						
72	Blackfoot Indians	Gleichen	Indian Reserve		Domestic	1902
299	K. J. Schnepf	Rosebud		4-29-26-21-4	Domestic	1911
1249	J. D. Vogel	Eyremore		7-26-20-19-4	Domestic	1926
1265	Standard Coal Mine	Standard		5-11-25-22-4	Domestic	1927
1431	John Guiney	Rosebud		3-29-26-21-4	Domestic	1933
1521	Wm. McMillan	Rosebud		14-20-26-21-4	Domestic	1937
Halcourt Area						
651	Baldwin Collieries	Grande Prairie		15-35-70- 7-6	Domestic	1916
1506	Campbell & O'Reilly	Dimsdale	N.W. $\frac{1}{4}$	2-21-70- 7-6	Domestic	1937
1539	Dunbar & Partners	Hinton Trail		2-21-70-10-6	Domestic	1938
1588	Dahl & Cage	Halcourt		14-24-70-11-6	Domestic	1942
1611	N. Schneider	Dimsdale		4- 5- 7-70-18-6	Domestic	1943
High Prairie Area						
1567	W. D. Savage	High Prairie		1-28-72-20-5	Domestic	1939
1615	Larson & Wood	High Prairie		12-27-72-20-5	Domestic	1943
Lethbridge Area						
56	Rezollini & Bridarolli	Magrath	S.W. $\frac{1}{4}$	3- 7- 7-21-4	Domestic	1902
738	George Rollinson	Lethbridge		5-12-32- 9-21-4	Domestic	1909
1086	Forsyth & Arnold	Lethbridge		8- 8- 7-21-4	Domestic	1923
1095	Chester Mine	Lethbridge		9-30- 9-21-4	Domestic	1923
1219	S. & T. Mine	Lethbridge		12-29- 9-21-4	Domestic	1925
1263	Lethbridge Collieries Ltd.	Lethbridge		11-30-10-21-4	Domestic	1927
1464	Lethbridge Collieries, Ltd., No. 8 Mine	Lethbridge		3- 2- 9-22-4	Domestic	1934
1576	Kerratta Coal Co.	Lethbridge		13-12- 9-22-4	Domestic	1941
1581	J. J. Hamilton Coal Co.	Lethbridge		4-13- 9-22-4	Domestic	1941
1600	Glen Tollestrup	Raymond		11-24- 9-22-4	Domestic	1943
Milk River Area						
1301	Thos. Taylor	Groton	W. $\frac{1}{2}$	8-9-10-10- 4-11-4	Domestic	1929
1380	J. J. Mueller	Masinan		9 10-27- 2-12-4	Domestic	1931

LIST OF MINES—Continued

Mine No.	Operator	Address	Location L.S.S.T.R.M.	Character of Coal	Date of	
					Opening	Aban- donment Closing
Mountain Park Area						
282	Mountain Park Coals, Ltd.	Mountain Park	S.W. ¼	Bituminous	1911	.....
693	Cadomin Coal Co., Ltd.	Cadomin	33-45-23-5	Bituminous	1917	.....
905	Luscar Coals, Ltd.	Luscar	14-31-46-23-5	Bituminous	1921	.....
1392	K-D Collieries, Ltd.	Kaydee	7-23-47-24-5 8-28-47-24-5	Bituminous	1932	.....
Nordegg Area						
256	Brazeau Collieries, Ltd.	Nordegg	13-22-40-15-5	Bituminous	1910	.....
Pakowki Area						
602	Wm. Geddes	Little Plume	S.W. ¼	Domestic	1915	.....
1138	Wm. Geddes	Little Plume	S.E. ¼	Domestic	1924	.....
1318	W. Raeder	Elkwater	10 11- 2- 9- 5-4 15- 2- 9- 5-4 10-23- 8- 3-4	Domestic	1929	.....
Pekisko Area						
361	Harry Swan	Priddis	N.W. ¼	Sub-Bituminous	1912	.....
1516	G. C. Davies	Priddis	11-22- 3-5	Sub-Bituminous	1937	.....
1610	Ernest Payne	Calgary	10- 4-22- 3-5 7-24-19- 6-5	Sub-Bituminous	1943	.....
Pembina Area						
419	Lakeside Coals, Ltd.	Wabamun	N.W. ¼	Domestic	1913	.....
495	Pembina Collieries, Ltd.	Entwistle	15- 9-53- 4-5	Domestic	1936	.....
1575	H. H. Wright	Genesee	34-53- 7-5	Domestic	1941	.....
1592	Wilma Coal Co.	Stony Plain	16-12-51- 3-5	Domestic	1943	.....
1596	Wm. Robinson	Entwistle	30-52- 4-5	Domestic	1943	.....
1606	H. H. Wright	Genesee	2-34-33- 7-5 7-30-59- 3-5	Domestic	1943	.....
Pincher Area						
59	Albert Keith	Lundbreck	15-26- 7- 2-5	Sub-Bituminous	1902	.....
Prairie Creek Area						
1296	Jasper Coals, Ltd.	Drinnan	N.W. ¼	Sub-Bituminous	1929	.....
Redcliff Area						
165	Gunderson Brick & Coal Co., Ltd.	Redcliff	14- 5-13- 6-4	Domestic	1908	.....
772	Ajax Coal Co. (J. T. Oliphant)	Medicine Hat	2- 5-13- 6-4	Domestic	1918	.....

Rochester Area									
1517	Thorhild Coal Co.	Thorhild							
1562	Tomlison & Kaszuba	Thorhild							
Saunders Area									
388	Bighorn & Saunders Creek Coll., Ltd.	Saunders							
852	Alexo Coal Co., Ltd.	Alexo	S.E. $\frac{1}{4}$ N.W. $\frac{1}{4}$	9-24-40-13-5 9-27-40-13-5	Sub-Bituminous Sub-Bituminous			1913 1920	
Sheerness Area									
443	Chinook Coal Co., Ltd.	Sheerness		1-12-29-13-4	Domestic			1914	
486	Little Bros.	Hanna		6-29-32-13-4	Domestic			1915	
1314	T. E. Stubbs	Hanna		1- 6-29-14-4	Domestic			1929	
1398	T. G. Ironside	Scapa		12- 5-34-13-4	Domestic			1932	
1401	F. H. Pahl	Hanna		7-30-32-13-4	Domestic			1932	
1432	Sheerness Coal Co., Ltd.	Sheerness		5-19-29-12-4	Domestic			1933	
1553	John Masciangelo	Della		10-21-30-17-4	Domestic			1939	
1597	A. J. Bordula	Hanna		16-12-29-13-4	Domestic			1943	
Taber Area									
672	C. J. Lavenne	Bow Island		3-27-12-10-4	Domestic			1916	
712	Powell & Co.	Barnwell		8- 4-10-17-4	Domestic			1917	
1334	Continental Coal Corporation, Ltd.	Grassy Lake		4-26- 9-13-4	Domestic			1930	
1536	Oliver Coal Mine	Tabery		2-18-10-16-4	Domestic			1938	
1580	Continental Coal Corporation, Ltd.	Grassy Lake		7- 8-26- 9-13-4	Domestic			1941	
1604	Majestic Mines, Ltd.	Taber		12-10-17-4	Domestic			1943	
1607	Kenneth Oliver	Taber		12- 7-10-16-4	Domestic			1943	
1609	Western Ventures, Ltd.	Taber		30-10-16-4	Domestic			1943	
Tofield Area									
215	E. Skarin (Dodds Coal Mine)	Dodds		7-14-49-18-4	Domestic			1909	
252	Tofield Coal Co., Ltd.	Tofield		26-50-19-4	Domestic			1910	
1107	D. Falvo	Dodds		15-11-49-18-4	Domestic			1923	
1206	Ryley Coal Company	Ryley		8- 8-49-17-4	Domestic			1925	
Wetaskiwin Area									
1534	Peter Gill	Thorsby		2- 7- 3-48-27-4	Domestic			1938	
Whitcourt Area									
1569	Alex Watson	Blueridge		16-24-59-11-5					
1593	A. J. Buxton	Blueridge		12-13-19-59-10-5	Domestic			1940	
1612	R. F. Pritchard	Blueridge		13- 2-59-10-5	Domestic			1943	
				1-31-59-10-5	Domestic			1943	
No Area									
1616	G. Sparks	Beaverlodge		Unsurveyed	Domestic			1943	

THE MINES BRANCH

BOARD OF EXAMINERS

The Provincial Board of Examiners during the year 1943 consisted of the following:

As representing:

- (a) The Mine Inspectorate: Andrew A. Millar, Chief Inspector of Mines.
- (b) Managers: A. C. Dunn and William Wilson.
- (c) Working Miners: Andrew Campbell and Evan Morgan.

Secretary: A. B. Hunter.

Examinations during the year were held as follows:

For third class at the following centres: Edmonton, Drumheller, Blairmore, Lethbridge and Cadomin on June 1st and 10th.

For first and second class on June 8, 9 and 10 at Edmonton, Drumheller, Blairmore, Lethbridge, Cadomin and Canmore.

For mine surveyor on June 10th at Blairmore, Lethbridge, Cadomin and Canmore.

The Board of Examiners for the examination of candidates for certificates of competency as mine electricians, comprised of Mr. A. B. Hunter, as chairman, and Mr. Burton Tait, Electrical Inspector of Mines, as the other member, held examinations at the following centres during the year: Edmonton on April 19th and Drumheller on November 4th and 5th.

Nine candidates presented themselves for examination for first class certificates, of whom three were successful. This included one supplementary examination candidate, who was successful.

Sixteen candidates presented themselves for examination for second class certificates, eight of whom were successful.

Twenty-seven candidates presented themselves for examination for third class certificates, of whom 14 were successful.

Five candidates presented themselves for examination for mine surveyors' certificates, of whom two were successful.

Seven candidates presented themselves for examination for mine electricians' certificates, of whom three were successful.

The successful candidates for all certificates are in the list following herewith.

LIST OF NAMES OF HOLDERS OF FIRST, SECOND AND THIRD CLASS MINE SURVEYORS' AND MINE ELECTRICIANS' CERTIFICATES

Issued by the Government of the Province of Alberta during the year 1943

FIRST CLASS

Name	Address	Cert. No.	Date of Issue
Brady, John	Canmore	14	20- 7-43
Campbell, Thomas	Drumheller	13	14- 7-43
Dunn, Robert A.	Nacmire	15	27- 8-43

SECOND CLASS

Cooke, Charles R.	Willow Creek	30	22- 4-43
Fraser, William B.	Coleman	31	14- 7-43
Jones, John C.	Saunders	35	20- 7-43
Kubin, John J.	Coleman	32	14- 7-43
Lamond, David	Evansburg	36	20- 7-43
Morrison, Neil A. P.	East Coulee	37	20- 7-43
Mather, John H.	Namao	38	9- 9-43
Shearer, John C.	Hillcrest	33	20- 7-43
Tiberg, A. J.	Blairmore	34	20- 7-43

THIRD CLASS

Annon, Joseph L. (duplicate)	Bow Island	69	3-11-43
Bianchini, Armand	Hillcrest	59	20- 7-43
Beveridge, James	Nordegg	65	30- 7-43
Barton, John S.	Nordegg	68	25-10-43
Carr, John R.	Cadomin	62	20- 7-43
Driega, William	Cadomin	61	20- 7-43
Forsyth, John	Lethbridge	54	1- 7-43
Fontana, Benjamin J.	Coleman	57	20- 7-43
Gibson, George	Blairmore	67	9-10-43
Kinnear, John A.	Coleman	64	22- 7-43
Lidgett, Joseph L.	Mercoal	60	20- 7-43
McGladrie, Robert I.	Nevis	63	24- 7-43
McMillan, James	Mountain Park	66	11- 8-43
Staite, Albert E.	Trochu	56	20- 7-43
Semeniuk, Steve	Shaughnessy	58	20- 7-43
Topak, Peter	Coleman	55	14- 7-43

MINE SURVEYOR

Name	Address	Cert. No.	Date of Issue
Donaldson, Adam G.	Lethbridge	4	6- 8-43
Morgan, Evan H.	Blairmore	3	14- 7-43

MINE ELECTRICIAN

Heidel, H. S.	Priddis	117	12-11-43
Lavis, Stewart	Drumheller	119	12-11-43
Ransom, Albert S.	Nacmine	118	12-11-43

LIST OF HOLDERS OF FIRST, SECOND AND THIRD CLASS CERTIFICATES, MINE SURVEYORS' AND MINE ELECTRICIANS' CERTIFICATES

Issued by the Government of the Province of Alberta to December 31st, 1943

List of Names of Holders of First Class Certificates

*Addie, W.	Lundbreck	19	25- 8-03
Aspinall, Francis	Vancouver, B.C.	22	1- 3-09
Ashburner, Edward	Lethbridge	40	9-12-10
*Alderson, Fred D.	Hosmer, B.C.	52	27- 9-11
Allen, Peter	Wayne	72	5-11-12
*Brown, J.	Calgary	18	24- 8-03
*Bastian, J.	Taber	43	19- 7-04
Broome, G. H.	New Zealand	46	28-11-04
Bradshaw, G. B.	Nanaimo, B.C.	61	16- 5-05
Baxter, Andrew W.	Calgary	47	22-12-10
Barnes, Arthur W.	Montana	74	7-11-12
*Black, Ernest D.	Nova Scotia	84	29- 7-13
Brydon, Andrew D.	England	4	17- 9-14
*Brownrigg, John H.	Bankhead	21	17- 7-17
Blake, Henry	Blairmore	25	27- 7-17
Brown, Hugh R.	Carbon	26	28- 6-18
Bilson, George H.	Rhodesia	27	28- 6-18
Brown, R. J.	Montana	30	3- 7-18
Brown, Thomas	Edmonton	42	5- 9-19
Blair, John	Wayne	55	24- 7-24
Barclay, William	Drumheller	11	31- 7-36
Burton, John T.	Drumheller	13	8- 8-36
Brusset, John A.	Blairmore	10	1- 8-42
Brown, J. D. B.	Saunders	12	1- 8-42
Brady, John	Canmore	14	20- 7-43
Collins, W. F.	Blairmore	24	31-10-03
*Colville, A.	Edmonton	52	19- 1-05
Coulthard, R. W.	Blairmore	8	19- 3-06
*Cunningham, G. F.	Edmonton	7	10- 1-08
Church, J. A. H.	Nova Scotia	11	23- 1-08
Coulthard, R. W. (duplicate)	Blairmore	24	11-10-09
*Crowder, James	Drumheller	38	24-12-09
*Christianson, Peter	Edmonton	48	21-12-10
Clyne, James M.	Edmonton	69	18- 3-12
*Crowder, Harry	Drumheller	5	18- 9-14
*Callander, Ira C.	Pocahontas	13	12- 8-16
Cranston, Michael	Calgary	35	2- 7-19
Coupland, Edward	Cadomin	56	24- 7-24
Crawford, Alexander	Kaydee	61	24- 7-25
Crawford, John	Edmonton	65	26- 7-26
Chavignaud, Louis G.	Coal Valley	71	6- 8-27
Clark, H. Wilton	Drumheller	66	26- 7-27
Congdon, Milton H.	Blairmore	1	17- 7-40
Crawford, Hugh	Lethbridge	5	11- 7-41
Campbell, Thomas	Drumheller	13	14- 7-43
*Drinnan, R. G.	Edmonton	29	30- 1-04
*Dickson, G. H.	Edmonton	3	31- 5-06
Dunn, A. C.	Edmonton	18	13- 1-09
*Darbyshire, J.	Bellevue	35	3-12-09
*Davidson, W. A.	Alexo	25	27-11-09
*Davis, David	Edmonton	62	28-11-11
Duggan, William H.	Victoria, B.C.	85	29- 7-13
deHart, Joseph B.	Calgary	86	29- 7-13
Dennis, Fred W.	Brooks	12	28-10-15
*Davidson, David	Bellevue	15	12- 8-16
Donaldson, Chris S.	Lethbridge	20	17- 7-17
Davies, Thomas O.	Calgary	22	17- 7-17
D'Altroy, A. C.	British Columbia	53	17- 8-23
Davidson, J. M.	Lethbridge	75	23- 7-29
Dutton, J. A.	Drumheller	4	25- 7-32
Dalziel, Robert	Edmonton	8	29- 7-33
Donaldson, Adam G.	Shaughnessy	14	23- 8-37
Dunn, Robert A.	Nacmine	15	27- 8-43

List of Names of Holders of First Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
*Evans, D.	Michel, B.C.	1	15-10-98
*Evans, D. (duplicate)	Michel, B.C.	14	11-12-02
Elliott, D.	Blairmore	20	13-10-03
Emmerson, C.	Bellevue	49	9- 1-05
Emmerson, J.	Frank	50	14- 4-05
Ellis, William	Champion	15	8- 1-09
Emerson, J.	Canmore	41	25- 8-19
*Finlayson, J.	Bassano	30	10- 2-04
Flint, W. G.	Edmonton	56	13- 4-05
*Fraser, Norman	Edmonton	1	21-12-05
*Fraser, G. L.	Coleman	1	31- 5-06
*Ferguson, C. J.	Edmonton	23	17- 7-17
Foster, William	Wabamun	40	12- 8-19
France, Thomas	Priddis	44	8-10-19
Green, R.	Calgary	58	26- 4-05
Graham, C.	Prince Rupert, B.C.	7	27- 2-06
Givin, Homer H.	Virginia, U.S.A.	57	23-11-11
Gray, David, Jr.	Washington, U.S.A.	65	4-12-11
Guernsey, F. W.	Vancouver, B.C.	80	18-12-12
Gotheridge, William T.	Ryley	54	16- 7-24
Gardner, H. H.	Coleman	9	18-12-34
Goodwin, William	Bellevue	12	4- 8-36
*Hardie, W. D. L.	Lethbridge	2	15-10-98
*Hamilton, W. L.	Lethbridge	4	2-12-98
*Hargreaves, James	East Coulee	9	25- 6-01
*Heathcote, Elijah	Coal Creek, B.C.	23	31-10-03
Henrietta, Chas. M.	Byseville, Ohio	26	24-11-03
*Hargreaves, James	East Coulee (duplicate)	48	9- 1-05
*Huntrods, E. S. F.	Taber	3	29-12-05
Hamilton, Robert	Priddis	4	3- 1-07
Horne, Thomas	Victoria, B.C.	6	26-12-07
Horne, Robert	Coleman	12	7- 1-09
*Holden, James	Bankhead	14	7- 1-09
*Harrison, Stephen	Lethbridge	16	11- 1-09
Hart, John	Edmonton	23	23- 3-09
Howells, Nathaniel	Edmonton	64	4-12-11
Hunter, A. B.	Edmonton	14	12- 8-16
Higgins, Alexander	Calgary	19	7- 7-17
Heeley, William G.	Calgary	36	3- 7-19
Hetherington, W. B.	British Columbia	38	9- 7-19
Howden, A. B.	Scotland	50	1- 8-21
Hamilton, Allan	Drumheller	52	17- 8-23
Hall, William E. G.	Lethbridge	58	20- 7-25
Hibbert, W. J.	Edmonton	79	10- 9-30
Hnatyshyn, A. C.	Luscar	6	22- 3-33
Hibbert, W. J.	Edmonton (duplicate)	7	29- 7-33
Horne, James	Cadomin	21	21- 7-39
Hamilton, Duncan C.	Luscar	7	15- 7-41
*John, John	Fernie, B.C.	44	29- 4-04
*Jones, Samuel A.	Nanaimo, B.C.	57	24- 4-05
Jones, David	Edmonton	67	27-11-11
*Johnson, Moses	Blairmore	79	14-11-12
*Jordan, William	Drumheller	11	9- 9-15
Jones, J. R. B.	Hinton	18	21- 7-38
Kerr, Alex.	Tonkin, B.C.	27	18-12-03
*Keith, Thos.	Taber	20	29- 1-09
Knox, Thos. K.	Coal Creek, B.C.	28	30-11-09
*Kellock, James	Coleman	59	23-11-11
Kinsman, Alexander	Hosmer, B.C.	70	11- 5-12
Kellock, James	Coleman	76	8- 8-30
Little, John	Coalfields	5	2-12-98
*Livingstone, Robert	Lethbridge	16	
Lewellyn, D. R.	Michel, B.C.	42	2- 7-04
Little, W. F.	Canmore	4	29-12-05
*Lee, Robert J.	Estevan, Sask.	56	23-11-11
*Leblanc, Emile	Wayne	6	18- 9-14
Lindoe, Luke	Coleman	77	8- 8-30
*Morris, Jas. J.	Canmore	3	3-11-98
*Morris, Cyrus	Frank	12	13- 2-02
Mills, Thomas	Nanaimo, B.C.	35	2- 5-04
Manley, Henry L.	Fernie, B.C.	41	3- 6-04
*Morton, T. R.	Michel, B.C.	63	21- 7-05
*Marsh, John	Taber	6	1- 2-06
Moore, Samuel M.	Bankhead	26	27-11-09
Maxwell Wm.	Pincher Creek	27	29-11-09
Millar, Andrew A.	Edmonton	54	23-11-11
Musgrove, William	Canmore	76	11-11-12
Marshall, John W.	Donalda	78	13-11-12
Mather, Thomas	Edmonton	81	20- 7-13
Milne, Morgan C.	Pocahontas	83	24- 7-13
Morgan, Owen	Saunders	51	17- 8-23
Morris, William	Foothills	1	26- 7-31
Millar, David	Robb	2	25- 8-31
Morgan, Evan H.	Blairmore	3	27- 9-31
Morgan, Thomas E.	Hillcrest	15	26- 8-37
Melnyk, Nick	Cadomin	4	11- 7-41

List of Names of Holders of First Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Muir, Alexander	Edson	6	11- 7-41
Miller, Henry	Rosedale	8	25- 7-41
McEvoy, James	Fernie, B.C.	17	1- 8-03
*McVicar, Samuel	Frank	59	26- 4-05
McLean, Donald	Ladysmith, B.C.	62	22- 5-05
*McMillan, J. H.	Lethbridge	17	12- 1-09
*McDonald, John R.	Edmonton	29	30-11-09
McLenhan, J. A.	Edmonton	39	13- 1-10
*Macaulay, Donald A.	Drumheller	42	9-12-10
McCullough, James	Corbin, B.C.	41	17-12-10
McDonald, Duncan	Drumheller	60	23-11-11
*McKelvie, James	Nordegg	7	26-10-14
Macaulay, Angus G.	Drumheller	9	16- 8-15
McDonald, H. S.	Bellevue	17	7- 7-17
McLeod, John A.	Cadomin	18	7- 7-17
*McDonald, Noble M.	Vancouver, B.C.	33	9- 7-18
McIntyre, John J.	Coleman	39	25- 7-19
McGuckie, Thomas M.	Wayne	43	1-10-19
McLean, Michael D.	Michel, B.C.	68	30- 8-26
MacKinnon, Hugh G.	Drumheller	20	20- 7-39
McDonald, Leslie M.	Coleman	23	28- 7-39
McMullen, Arthur	Nordegg	3	6-11-40
McAndrew, John M.	Calgary	11	1- 8-42
Nugent, Bernard	Edmonton	57	1- 8-24
O'Donnell, Thomas	Rosedale	61	28-11-11
Pearson, Robinson	Fernie, B.C.	11	19-11-01
*Parker, John L.	North Star	25	13-11-03
Pearson, R. N.	Frank	38	10- 5-04
Powell, John W.	Coleman	60	10- 5-05
Pitcher, Norman C.	Edmonton	75	11-11-12
Pickles, William	Edmonton	77	11-11-12
*Pavler, Evan L.	Edmonton	24	24- 7-17
*Puckett, Owen L.	Drumheller	29	3- 7-18
Pascoe, Thomas	Edmonton	78	8- 8-30
Potter, Idwal N.	Drumheller	22	25- 7-39
*Quigley, Jas. S.	Hillcrest	21	1- 2-09
Quigley, D. H.	Coalhurst	28	28- 6-18
*Reynolds, E. E.	Lethbridge	33	5- 4-04
Richards, James A.	Drumheller	39	17- 5-04
*Russell, Thomas	Victoria	45	28-10-04
Raisbeck, Luke	Aerial	47	28-11-04
*Reed, Thomas	Northfield, B.C.	5	
Robertson, John	Drumheller	2	22-12-05
*Robertson, John	Lundbreck	9	18- 1-08
*Richards, Clifton C.	Calgary	36	13-12-09
Russell, John	Round Hill	44	22-12-10
Reid, John C.	Okiahoma, U.S.A.	53	4-12-11
*Roberts, Edward I.	Edmonton	55	18-11-11
Reid, Adam H.	Oklahoma, U.S.A.	3	18- 9-14
Russell, James	Lethbridge	8	8-12-14
Robert, Louis P.	Blairmore	10	16- 8-15
Ramsay, P. M.	East Coulee	34	12-11-18
Richards, Russell	Drumheller	60	20- 7-25
Rappell, Thomas	Canmore	17	1- 9-37
*Smith, Frank B.	Edmonton	7	4- 6-01
Stockett, Thos. R., Jr.	Nanaimo	10	19-11-01
Simister, Chas.	Fernie, B.C.	21	13-10-03
Strachan, Robert	Fernie, B.C.	31	10- 2-04
Shepherd, F. H.	Victoria, B.C.	34	2- 5-04
Symons, C. C.	Coalfields	37	2- 5-04
*Stockett, Lewis	Vancouver, B.C.	51	19- 1-05
*Sharp, Alex.	Edmonton	53	22- 2-05
*Stirling, John T.	Edmonton	8	10- 1-08
Scott, Alex.	Edmonton	5	26-12-07
Sparrow, Edwin	Lundbreck	13	7- 1-09
Scott, A. N.	Luscar	19	25- 1-09
*Shone, Samuel	Coleman	33	2-12-09
Stevens, Leonard C.	Edmonton	31	2-12-09
Saville, Enoch O.	Taber	45	22-12-10
*Shaw, William	Edmonton	46	22-12-10
Stewart, Robert T.	Edmonton	50	12- 1-11
Shanks, John (cancelled)	Nordegg	51	17- 1-11
Stevenson, John	Scotland	68	6-12-11
Stevenson, William	Mercoal	87	29- 7-13
Shanks, David	Nordegg	61	4-11-16
Smith, Thomas E.	Montana	31	3- 7-18
Stevenson, John	Hillcrest	46	26- 7-20
Stewart, James (cancelled)	Nordegg	48	26- 7-20
Scott, Thomas W.	Cadomin	67	17- 8-26
Sandino, J. A.	Drumheller	5	25- 7-32
Smith, Terence	Edmonton	10	1- 8-35
Thorne, B. L.	Calgary	32	2-12-09
*Thain, Harry S.	Lethbridge	34	2-12-09
Thomas, John Ira	Edmonton	49	16- 1-11
Thomas, Willis P.	Diamond City	58	23-11-11

List of Names of Holders of First Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
*Thomas, Joseph D.	Passburg	66	4-12-11
*Turner, John T.	Coalhurst	49	1- 8-21
Tennant, Robert	Drumheller	59	20- 7-25
Touhey, James B.	Drumheller	19	27- 7-38
Thomas, David R.	Edmonton	2	12-10-40
Thomson, John	Edmonton	9	17- 7-42
*Whiteside, O. E. S.	Vancouver, B.C.	6	15-12-98
White, E. Proctor	Lethbridge	8	17- 6-01
*Wyllie, John B.	Frank	13	25-11-02
Waite, Archibald	Taber	15	9- 4-03
*Wilson, David G.	Fernie, B.C.	22	31-10-03
Wilson, Arthur B.	Lethbridge	28	12- 1-04
*Wall, W. O.	Nanaimo, B.C.	32	10- 2-04
*Williams W. P.	Blairmore	36	2- 5-04
*Wright, H. B.	Fernie, B.C.	40	25- 5-04
*Wilkinson, Geo.	Nanaimo, B.C.	54	27- 3-05
*Weatherby, C.	Coleman	2	31- 5-06
Williams, T. H.	Taber	10	18- 1-08
Watters, John	Banff	30	30-11-09
*Wark, S. D.	Passburg	37	15-12-09
*Willey, Edward	Fernie, B.C.	71	1-11-12
Watson, William	Coleman	73	7-11-12
*Welch, Jas. D.	Nordeg	1	18- 9-14
Williams, Thos. B.	Canmore	2	18- 9-14
Watters, Alexander G.	Bankhead	32	5- 7-18
Watson, Ronald H.	Edmonton	37	3- 7-19
*Wilkinson, Geo.	Nanaimo, B.C. (duplicate)	45	21-11-19
Williams, Arthur E.	Saunders	69	1- 8-27
Wilson, Andrew	Edmonton	70	1- 8-27
Wilson, William	Canmore	72	19- 7-28
Whittaker, W. C.	Coal Valley	74	29- 7-28
Worthington, W. T.	Edmonton	16	26- 8-37
Young, David B.	Bellevue	64	26- 7-26
Yates, Frank	Michel, B.C.	73	29- 7-28

*Deceased.

Certificates issued previous to September 1, 1905, were issued under the provisions of The Coal-mines Regulation Ordinance of the North-West Territories.

Interchange First Class

Cumberford, James	Drumheller	80	19- 1-31
*Jones, Griffith	Drumheller	63	21-10-25
Morrison, Edward	Fernie, B.C.	62	28- 9-25
McLean, Michael D.	Michel, B.C.	68	30- 8-26
Scott, Thomas W.	Cadomin	67	17- 8-26

*Deceased.

List of Names of Holders of Second Class Certificates

*Anderson J.	Bellevue	2	30- 5-06
Aspinall, Francis	Vancouver, B.C.	27	27- 5-08
Allen, Peter	Wayne	72	20-12-11
Allen, William C.	Wayne	22	7- 9-15
Atherton, Edward	Sheerness	49	17- 7-17
Ashurst, William	Caleman	51	17- 7-17
Ashman, Alfred W.	East Coulee	88	3- 7-19
Adlam, William	Hillcrest	107	15- 7-19
Armstrong, John	Nordeg	110	16- 7-19
Adams, Thomas H.	Beverly	127	26- 7-20
*Anderson, Peter B.	Mountain Park	139	26- 7-20
Alexander, William	Bellevue	68	20- 7-38
Aschacker, Martin	Blairmore	17	20- 1-42
Appleby, Wm. S.	Canmore	18	17- 7-42
Ainsworth, John H.	Halkirk	25	24- 7-42
*Bastian, J.	Taber	27	7- 5-04
Bastian, T. W.	Clover Bar	27	8- 4-05
Bowie, J.	Leduc	4	3- 1-07
Bamling J.	Diamond City	44	2-12-09
Brockhouse, I. B.	Milk River	74	20-12-11
Bridge, Edward	Cumberland, B.C.	99	5-11-12
Brown, Alan J.	Coleman	105	7-11-12
Barclay, Andrew	Frank	111	18-11-12
Brown, William	Commerce	126	31- 7-13
Blake, Henry	Blairmore	128	31- 7-13
Brisco, Daniel	Luscar	19	21- 8-15
Bilson, George H.	Rhodesia	2	27- 8-14
*Brownrigg, John H.	Bankhead	21	30- 8-15
Berford, Edward	Commerce	27	12- 8-16

List of Names of Holders of Second Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Barclay, William	Drumheller	54	10- 8-17
Bovio, M.	Bellevue	61	5- 7-18
Blair, John	Picture Butte	72	11- 7-18
Brearley, Garnett	Coalhurst	78	23- 7-18
Brown, J. F.	Edmonton	84	28- 6-19
Ball, Benjamin	Michel, B.C.	101	8- 7-19
Badham, Thomas	Coleman	104	15- 7-19
Bainbridge James	Nanaimo, B.C.	112	5- 8-19
Brooks, Burton T.	Drumheller	129	26- 7-20
Brady, John	Luscar	141	26- 7-20
Brown, Thomas	Edmonton	55	17-11-17
Briggs, William A.	Carbon	154	10-10-21
Bradley, Thomas	Bellevue	166	17- 8-23
Baybutt, Thomas	Hillcrest	168	17- 8-23
Blas, Emile	Wayne	169	17- 8-23
Eoucher, Charles T.	Wayne	175	16- 7-24
Barrowman, Alexander	Ardley	182	14-11-24
Bainbridge, George E.	Nordegg	183	12-12-24
Birse, Alexander	Coalhurst	185	20- 7-25
Brown, Richard G.	Cadomin	192	30- 7-26
Burton, William H.	Edmonton	194	6- 8-26
Burton, John T.	Edmonton	212	23- 7-29
Barrie, John	Drumheller	8	26- 7-31
Boughton, C. A.	Rosedale	10	25- 7-32
Burton, James	Robb	13	25- 7-32
Burrell Archibald K.	Drumheller	37	26- 7-34
Brown, John D. B.	Mountain Park	55	4-11-36
Barclay, Peter	Rosedale	4	3- 8-40
Bradshaw, Richard	East Coulee	8	12- 7-41
Baldwill, F. W.	Hillcrest	20	17- 7-42
Blake, Raymond	Bellevue	28	12- 8-42
Chestnut, C.	Vancouver, B.C.	30	18- 4-05
*Corkill, T.	Michel, B.C.	13	
*Crowder, James	Blairmore	10	26-12-07
Clay, E.	Oxville	28	7- 1-09
*Clark, J. C.	Blairmore	49	22-12-09
Clyne, James	Edmonton	53	22- 4-10
Clemenson John	Scotland	58	17-12-10
Cooke, Joseph	Burmis	66	20- 2-11
*Crowder Harry	East Coulee	69	18-12-11
Coupland, George	Bellevue	77	21-12-11
Cranston, Michael	Drumheller	119	29- 7-13
Crawford, Alexander	Edmonton	125	31- 7-13
Campbell, K. S.	Beverly	132	31- 7-13
Coupland Edward	Cadomin	8	18- 9-14
Coutes, George	Lethbridge	20	26- 8-15
Conlin, John	Drumheller	33	22- 8-16
Cox, John C.	Toronto	42	7- 7-17
Clark, Robert	Hardieville	43	7- 7-17
Crabb, Samuel A. B.	Lethbridge	52	17- 7-17
Crawford, John	Edmonton	64	6- 7-18
Crawford, William S.	Lethbridge	66	9- 7-18
Carson, James	Spring Point	82	17-10-18
Cartwright, Charles E.	Blairmore	85	2- 7-19
Clarkstone, W. W.	Fernie, B.C.	93	3- 7-19
Caufield, J.	Coal Creek, B.C.	105	15- 7-19
Carr Thomas	Cadomin	177	1-10-19
Cole, J. J.	Canmore	126	26- 7-20
Congdon, Milton H.	Blairmore	158	1- 8-22
Campbell, Thomas	Drumheller	174	16- 7-24
Chavignaud, Louis G.	Hinton	195	17- 8-26
Castella, Jens	Standard	35	23- 7-24
Clyne, James M.	Edmonton	42	18- 7-35
Carmichael, Malcolm	Canmore	65	21- 7-38
Crawford, Hugh	Lethbridge	85	12- 8-39
Curry, John	Hillcrest	86	12- 8-39
Campbell, James	Calgary	94	20-12-40
Carson, James	Edmonton (duplicate)	16	25- 9-41
Crabb, Daniel J.	Lethbridge	21	17- 7-42
Cooke, Charles R.	Willow Creek	30	22- 4-43
Davis, A.	Lethbridge	4	19-11-98
Duggan, R. G.	Taber	19	26- 4-04
Davies, D.	Coleman	31	18- 4-05
Dunn, J. P.	Edmonton	9	26-12-07
Davies John	Coleman	11	26-12-07
Davies, S.	Coal Creek, B.C.	18	10- 1-08
Dixon, S.	Lille	24	8- 2-08
Davis, John	Lethbridge	31	11- 1-09
*Davies, T.	Frank	54	22- 4-10
*Davidson, David	Alexo	94	1-11-12
Davies, Thomas O.	Pincher Creek	104	7-11-12
Dalziel, Robert	Edmonton	122	31- 7-13
*Digman, John H.	Coalhurst	134	31- 7-13
Dennis, F. W.	England	3	27- 8-14
Dewar, Alexander	Coleman	16	16- 8-15

List of Names of Holders of Second Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Donaldson, C. S.	Lethbridge	35	26- 8-16
Duncan, N. S.	Dodds	100	8- 7-19
D'Altroy, A. C.	British Columbia	145	1- 8-21
Dieter, W. J.	Sheerness	167	17- 8-23
Davidson, John M.	Clover Bar	187	1- 8-25
Dutton, Joseph A.	Mountain Park	198	1- 8-27
Davidson, Albert M.	Dodds	202	20-12-27
Davey, George	Rosedale	209	29- 7-28
Deere, G. E.	Foothills	214	23- 7-29
Davies, J. C. H.	Blakeburn, B.C.	219	10- 9-30
Dixon, John O.	High River	220	10- 9-30
Donaldson, Adam	Lethbridge	40	13- 8-34
Douglas, Peters S. Jr.	Cadomin	93	22- 4-40
Dunn, Robert	Willow Creek	6	12- 8-40
Dobson, Roy C.	Lethbridge	27	4- 8-42
Emmerson, C.	Bellevue	3	15-11-98
*Eccleston, W.	Michel, B.C.	16	10- 1-08
Evans, Thos. R.	Coleman	137	31- 7-13
Embree, Merton B.	Evansburg	98	3- 7-19
Edwards, John	Cadomin	7	26- 7-31
Evans, Howell	Mountain Park	24	29- 7-33
Elkes, Frederick W.	Drumheller	33	23- 7-34
Edwards, Mark	Edmonton	50	7- 8-36
Edwards, Oliver E.	Cadomin	53	12- 8-36
Esteban, Melchor	Calgary	59	23- 8-37
Evans Howell	Luscar (duplicate)	77	23- 3-39
Erikson, Gustaf W.	Blairmore	81	25- 7-39
*Fraser, G. L.	Coleman	25	23-12-04
Flint, W. G.	Edmonton	16	
Francis, J.	Taber	29	8- 1-09
Fox, A.	Nevis	42	29-11-09
Foster, W. R.	Taber	51	24- 1-10
Fulton, James K.	Coleman	133	31- 7-13
Foster, William	Robb	14	16- 8-15
Finlay, Samuel	Clover Bar	25	12- 8-16
*Ferguson, C. J.	Edmonton	38	30- 8-16
Fortner, Edward	Tennessee, U.S.A.	57	3- 7-18
France, Thomas	Priddis	67	9- 7-18
Fyvie, J.	Drumheller	109	16- 7-19
Fraser, James	Carbon	133	26- 7-20
Fyfe, Walter H.	Nelson, B.C.	142	26- 7-20
Ford, Allen	Michel, B.C.	146	1- 8-21
Fraser, Alex.	Carmangay	221	10- 9-30
Fawcett Elmer S.	Cardiff	51	7- 8-36
Fox, Alfred A.	Canmore	63	13-11-37
Fridel, Stephen	Edmonton	59	30- 7-38
Fraser, William B.	Coleman	31	14- 7-43
Green, R.	Calgary	17	26- 4-04
Giffen, H. R.	Carbon	14	1905
Gilliland, William	Cardiff	61	17-12-10
Garbett, Richard	Corbin, B.C.	100	5-11-12
Garrett, John	Blairmore	123	31- 7-13
Givens John	Wayne	99	8- 7-19
*Gate, Harry	Coleman	124	26- 7-20
Graham, John	Coaldale	157	1- 8-22
Gidman, Joseph H.	Taber	165	29-12-22
Gordon, Thomas	Drumheller	184	27- 5-25
Gilmour, John	Drumheller	222	9- 2-31
Goodwin, Geo. W.	Bellevue	2	26- 7-31
Goodwin, Wm.	Bellevue	9	26- 7-31
Greenhalgh, R. M.	Coleman	11	25- 7-32
Gotheridge, W. V.	Round Hill	43	24- 7-35
Goodwin, Albert E.	Bellevue	72	26- 8-38
Griffiths, Edward	Foothills	1	3- 8-40
Gladwin, Lewis C.	Saunders	22	18- 7-42
Grant, Alexander	Hillcrest	24	22- 7-42
Hall, Oliver	Bellevue	26	23-12-04
Harvie, Robert	Lethbridge	1	30- 5-06
Hutchinson, A. M.	Coleman	6	3- 1-07
Horne, Robert	Blairmore	12	26-12-07
Horswell John	Edmonton	34	1- 2-09
Howells, Nathaniel	Wayne	55	25- 5-10
Hallworth, Albert	Bellevue	65	30- 1-11
Hamilton, Allan	Drumheller	78	21-12-11
Heeley, William G.	Calgary	80	22-12-11
Hill, James	Canmore	84	13- 1-12
Hutton, John	Edmonton	93	1-11-12
Hunter, Henry	Edmonton	102	7-11-12
Hughes, Daniel J.	Diamond City	110	13-11-12
Hartley, William	Bankhead	114	25-11-12
Hamilton, Allan	Drumheller (duplicate)	1	1- 4-14
Hunter, Charles	Beverly	4	18- 9-14
Hunter, Alexander B.	Drumheller	7	18- 9-14
Harries, Henry C.	Coleman	9	18- 9-14
Heathcote, Joseph	England	10	18- 9-14

List of Names of Holders of Second Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Hughes, William R.	Barnwell	13	6- 8-15
Halliday, George W.	Nanaimo, B.C.	31	22- 8-16
Hutton, David T.	Bellevue	44	10- 7-17
Hastings, Andrew P.	Champion	62	5- 7-18
*Hulme, Charles	Rocky Mountain House	63	6- 7-18
Hargreaves, G.	Lethbridge	70	9- 7-18
Hutchison, P.	Ardley	102	10- 7-19
Hedges, Richard	Beverly	111	18- 7-19
Higney, John	Coalhurst	130	26- 7-20
Heap, Robert	Coalhurst	137	26- 7-20
Holmes, Robert	Coleman	144	6- 1-21
Hughes, John C.	Madrid	156	15-12-21
Hamilton, Joseph J.	Lethbridge	164	9- 9-22
Hall, James	Coal Creek, B.C.	190	26- 7-27
Hibbert, William J.	Dinant	191	26- 7-27
Harries, John	Wayne	213	23- 7-29
Hamilton, John	Delia	18	10- 8-32
Hulbert, Havelock A.	Coleman	31	23- 7-34
Hamilton, Thomas M.	Blairmore	34	23- 7-34
Hooks, Albert	Drumheller	38	26- 7-34
Heyworth Ernest S.	Edmonton	45	2- 6-36
Hilliary, Joseph	Bellevue	49	7- 8-36
Hill Ernest	Coleman	57	23- 8-27
Holliday, Thos.	Drumheller	71	17- 8-38
Henry, Wm. B.	Newcastle	76	9-11-38
Heidel, Herbert G.	Priddis	26	1- 8-41
Ironmonger, John	Hillcrest	60	5- 7-18
Jones, Samuel A.	Nanaimo, B.C.	18	26- 4-04
*Johnson, Moses	Blairmore	46	3-12-09
Jones, David	Edmonton	48	15-12-09
Jones, Peter	Drumheller	92	1-11-12
*Jordan, William	East Coulee	112	20-11-12
*James, William	Pocahontas	5	18- 9-14
Jackson, James	Bellevue	56	3- 7-18
Joberg, A. F.	Delia	68	9- 7-18
*Jones, C. E. R.	Cardiff	83	12-11-18
Jones, D.	Coalhurst	116	5- 9-19
Jones, Daniel	Edmonton	178	24- 7-24
*Jones, Iltyd	Edmonton	197	1- 8-27
Jones, Elias	Coleman	16	25- 7-12
Johnstone Alexander	Edmonton	7	11- 7-41
Jones, John C.	Saunders	35	20- 7-43
Kerr, John	Lethbridge	33	6- 7-05
*Kellock, George	Coleman	39	27-11-09
Kellock, James	Coleman	82	30-12-11
Keith, John D.	Coalhurst	107	11-11-12
Kaye, Hershel	Pocahontas	129	31- 7-13
Kerr, W. R.	Carbon	115	2- 9-19
Kennedy, Joseph	Willow Creek	47	31- 7-36
Kubin, John J.	Coleman	32	14- 7-43
Livingstone, J. C.	Lethbridge	5	19-11-98
*Livingstone, Robert	Lethbridge	6	5- 6-99
Lowrie, Ralph	Frank	34	6- 7-05
*Lee, Robert J.	Esteven, Sask.	56	17-12-10
Luck, George	Bellevue	70	19-12-11
Letcher William M.	Bankhead	96	1-11-12
Leblanc, Emile	Taber	127	31- 7-13
Littler, Robert	Bankhead	6	18- 9-14
Lundy, James	Drumheller	53	17- 7-17
Larrair, Charles F.	Drumheller	74	12- 7-18
Lindoe, Luke	Coleman	170	1- 9-23
Littler, James	Michel, B.C.	200	12- 8-27
Lavis, George	Drumheller	218	10- 9-30
Lloyd, James H.	Blairmore	12	25- 7-41
Lister, Arthur A.	Cadomin	14	25- 7-41
Lamond, David	Evansburg	36	20- 7-43
*Musgrove, John	Canmore	2	15-11-98
*Musgrove, John	Canmore (duplicate)	9	25- 4-01
Musgrove, William	Canmore	32	6- 7-05
Miller, John K.	Drumheller	29	8- 4-05
Morris, John	Lundbreck	8	3- 1-07
Morgan, Daniel	Edmonton	17	10- 1-08
Moore, Thomas E.	Drumheller	47	11-12-09
Miard, Harry K.	Coal Creek, B.C.	64	16- 1-11
Munro William K.	Blairmore	76	21-12-11
Murphy, Peter J.	Drumheller	91	24- 8-12
Mather, Thomas	Luscar	106	11-11-12
Muir, David	Edmonton	108	11-11-12
Massey, Harry	Corbin, B.C.	116	25-11-12
Morgan, Owen	Saunders	121	29- 7-13
Mason, Samuel	Blairmore	130	31- 7-13
Mather, John	Edmonton	23	13- 9-15
Miller, Walter	Beverly	26	12- 8-16
Melling, Peter	Coalhurst	28	12- 8-16
Murray, J.	Coalhurst	90	3- 7-19

List of Names of Holders of Second Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Mossey, Thomas	Lethbridge	95	3- 7-19
Makin, J. W.	Hillcrest	103	15- 7-19
Marsh, E.	Wayne	113	25- 8-19
*Martin, R.	Taber	114	25- 8-19
Miller, John H.	Midlandvale	131	26- 7-20
Mackie, John	Bankhead	136	26- 7-20
March, John H.	Midlandvale	153	1- 8-21
Meyers, August	Drumheller	172	18-12-23
Mossey, Robert	Frank	173	16- 7-24
*Martin, Henry Sr.	Saunders West	203	29- 2-28
Miller, David	Mercoal	204	19- 7-28
Miller, John K.	Drumheller (duplicate)	210	24-11-28
Morgan, Evan H.	Edmonton	215	23- 7-29
Marsh, Walter	Delburne	20	21- 9-32
Maievich, John (May)	Edmonton	26	29- 7-33
Morgan, Thos. E.	Hillcrest	27	22- 8-33
Moran, James	Edmonton	46	28- 7-36
Mayoh, Daniel	East Coulee	48	7- 8-36
Musgrove, Harry B.	Canmore	60	23- 8-37
Muir, Alexander	Alexo	67	27 -8-38
Miller, Henry	Burmis	75	13-10-38
Melling, Joseph	Lethbridge	82	25- 7-39
Mills, Basil	Shaughnessy	84	12- 8-39
Mrokwia, Victor Jr.	Canmore	2	3- 8-40
Mather, Richard	Edmonton	29	10- 8-42
Morrison, Neil A. P.	East Coulee	37	20- 7-43
Mather, John H.	Namoo	38	9- 9-43
*McVicar, Samuel	Frank	23	23-12-04
McKean, John W.	Lethbridge	24	23-12-04
McGregor, Alex.	Cardiff	1	20-12-05
*McKay, Donald	Bankhead	3	30- 5-06
McLenhan, John A.	Edmonton	33	1- 2-09
*McKelvie, Jas.	Hosmer, B.C.	43	29-11-09
McDonald, Duncan	Drumheller	60	17-12-10
McMillan, Donald	Pincher Creek	71	20-12-11
MacDonald, James A.	Bellevue	79	21-12-11
MacKay, Angus	Nova Scotia	81	26-12-11
McIntyre, John J.	Coleman	88	2- 3-12
McDonald, J. O. C.	Coleman	15	16- 8-15
McDonald, Hector S.	Coleman	17	16- 8-15
*McDonald, Noble M.	Bellevue	18	16- 8-15
McLellan, John A.	Mercoal	24	2-11-15
McFegan, William	South Wellington, B.C.	34	22- 8-16
McIntyre, John J.	Bellevue (duplicate)	41	9-12-16
MacDonald, J. H.	Nanaimo, B.C.	48	10- 7-17
McQueen, Andrew	Edmonton	71	9- 7-18
McKinnon, H. G.	Canmore	76	13- 7-18
MacAskill, Donald	Drumheller	77	16- 7-18
McKinnon, John L.	Coleman	80	26- 7-18
McLean, Michael D.	Michel, B.C.	122	26- 7-20
McCullough, Alex.	Coleman	143	10- 8-20
McLeod, Alexander	Drumheller	149	1- 8-21
McDonald, William	Drumheller	155	10-10-21
McKenna, Peter	Cadomin	161	1- 8-22
McGaw, Albert M. S.	Carmangay	171	15- 9-23
MacDonald, L. M.	Bellevue	217	10- 9-30
McDonald, Clyde P.	Bellevue	1	26- 7-31
McGregor, Thos. B.	Lethbridge	19	10- 8-32
McGowan, John M.	Newcastle	36	26- 7-34
McCutcheon, J. A.	Midlandvale	58	19- 8-37
McAndrew, J. M.	Calgary	64	19- 7-38
McMullen, Arthur	Nordeg	66	21- 7-38
McDonald, William I.	Willow Creek	9	12- 7-41
*Nicol, James	Frank	36	10- 2-09
Nanson, Thomas H.	Bellevue	40	25- 9-16
Nicol, George	Drumheller	46	10- 7-17
Nugent, Bernard	Camrose	73	11- 7-18
Novak, Mike	Milk River	32	23- 7-34
Ostheidt, Gus	Cardiff	1	14-11-98
Oliphant, Joseph H.	Carbon	59	17-12-10
Oliphant, John T.	Medicine Hat	153	1- 8-21
Ostler, James	Taber	160	1- 8-22
Ottewell, William J.	Clover Bar	176	16- 7-24
Ottewell, Cedric P.	Clover Bar	193	6- 8-26
Oakes, Robert	Blairmore	17	25- 7-32
*Phillips, Chas.	Frank	20	26- 4-04
Pearson, W. G.	Frank	15	26- 4-04
Parsons, T. Lloyd	Edmonton	26	21- 3-08
Pickles, William	Edmonton	35	1- 2-09
Prentice, John	Virginia, U.S.A.	45	2-12-09
Park, Stewart G.	Lethbridge	57	17-12-10
Parker, Levi	Cardiff	68	28- 4-11
Powell, Albert E.	Lundbreck	85	16- 1-12
Parry, Thomas	Coleman	109	12-11-12
Pictou, Daniel	Aerial	118	10- 2-13

List of Names of Holders of Second Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Penman, John S.	Rosenroll	120	29- 7-13
*Pavler, Evan L.	Edmonton	37	30- 8-16
Puckett, Owen L.	Robb	50	17- 7-17
Park, William	Bellevue	65	6- 7-18
Pembleton, Geo. W.	Edmonton	97	3- 7-19
Peacock, Charles	Coalhurst	138	26- 7-20
Prendergast, Denis	Nova Scotia	188	26- 7-26
Pettigrew, Robert	Corbin, B.C.	30	27- 4-34
Potter, I. N.	Nacmine	44	15- 8-35
Parker, Jack	Cardiff	52	6- 8-36
Price, Stanley R.	Blairmore	79	25- 7-39
Peta, Julius	Hardieville	90	23-10-39
Park, Angus	Edmonton	15	28- 7-41
Quigley, Daniel H.	Drumheller	73	20-12-11
Queen, Andrew M.	Lethbridge	124	31- 7-13
Quin, James	East Coulee	23	29- 7-33
Rice, Awrey	Edmonton	2	20-12-05
Roberts, D. E.	Coleman	14	10- 1-08
Rankin, George	Michel, B.C.	41	29-11-09
*Roberts, E. I.	Edmonton	52	12- 3-10
Ramsey, Peter M.	East Coulee	86	24- 2-12
*Roberts E.	Rosedale	87	2- 3-12
Richards, Samuel	Bellevue	98	5-11-12
Roberts, John	Cadomin	12	26-10-14
Russell, John	Alix	29	12- 8-16
Robinson, William	British Columbia	30	22- 8-16
Rawlinson, R.	Cadomin	32	22- 8-16
Richards, Evan	Edmonton	59	3- 7-18
Roberts, G.	Lethbridge	79	23- 7-18
Roberts, D. O.	Cardiff	86	2- 7-19
Reed, Edward	Drumheller	135	26- 7-20
*Radford, James	Bellevue	140	26- 7-20
Redpath, James	Wayne	147	1- 8-21
Ruffell, Alfred	Lethbridge	180	11- 8-24
Rees, Daniel	Blairmore	189	26- 7-26
Rappel, Thomas	Canmore	206	19- 7-28
Rolfe, E.	British Columbia	211	4- 2-29
Robertson, Duncan	Drumheller	29	10- 3-34
Rear, Albert E.	Coleman	56	15-12-36
Rochester Jasper J.	Hinton	78	20- 7-39
Riordan, Leo	Canmore	19	17- 7-42
*Scott, Hugh	Lethbridge	7	9- 3-00
Steele, Thomas	Coleman	12	26- 4-04
Sequin, Joseph A.	Estevan, Sask.	22	16- 4-04
Sparrow, Edwin	Tawatinaw	7	3- 1-07
*Shone, Samuel	Coleman	23	23- 1-08
*Shaw, William	Edmonton	21	18- 1-08
Scott, Andrew N.	Luscar	19	10- 1-08
Stewart, J. M.	Nordeg	50	24-12-09
Sihvon, William	East Coulee	40	29-11-09
Sloan, Thomas W.	Burmis	67	2- 3-11
Shaw, Thomas J.	Hinton	75	21-12-11
Strickland, Thomas	Three Hills	101	5-11-12
Scott, Alexander	Pocahontas	103	7-11-12
Schmidt, Otto P.	Camrose	115	25-11-12
Shanks, David	Nordeg	117	7-12-12
Stephenson, Joseph	Bellevue	135	31- 7-13
Stephenson, Thomas	Bellevue	136	31- 7-13
Smith, Thomas E.	Montana, U.S.A.	39	14- 9-16
Simpson, William G.	British Columbia	45	10- 7-17
Stevenson, John	Glasgow, Scotland	47	10- 7-17
Sinclair, James	Drumheller	81	7- 8-18
Sandino, J. A.	Drumheller	91	3- 7-19
Stratton, J. M.	Redcliff	94	3- 7-19
Saunt, James	Drumheller	123	26- 7-20
Steele, Francis M.	Pincher Creek	125	26- 7-20
*Scott, Frederick G.	Brule	128	26- 7-20
Scarpino F.	Wayne	121	26- 7-20
Shaw, William G.	Kimberley	177	24- 7-24
Shaw, Joseph H.	Kimberley	196	22- 9-26
Smith, Terrence	Beverly	205	19- 7-28
Swan, John	Edmonton	12	25- 7-32
Strang David	Mountain Park	15	25- 7-32
Sutherland, S. R.	Bellevue	28	22- 8-33
Smith, Peter	Coleman	39	13- 8-34
Strickland, Thos.	Three Hills (duplicate)	54	16-10-36
Samis, Earl L.	Namoo	62	30- 9-37
Shaw, Robert	Coleman	70	2- 8-38
Sinoski, Steve	Edmonton South	80	25- 7-39
Sarsfield, Wm.	East Coulee	83	28- 7-39
Simmons, Harry	Mountain Park	89	14- 9-39
Scarpino, Eugene M.	Rosedale	5	4- 9-40
Strickland, William	East Coulee	11	14- 7-41
Stevenson, Robert	East Coulee	13	25- 7-14
Shearer, John C.	Hillcrest	33	20- 7-43

List of Names of Holders of Second Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
*Thomas, David	Bankhead	28	8- 4-05
*Teppo, Herman	Bellevue	15	10- 1-08
Thomas, John	Diamond City	30	8- 1-09
Thain, Harry S.	Lethbridge	32	12- 1-09
*Thomas, Jos. D.	Drumheller	37	25-11-09
*Taylor, Thomas	Hillcrest	62	22-12-10
Taylor, Geo. Warren	Lethbridge	83	30-12-11
Thomas, John	Frank	89	25- 3-12
Tonge, Thomas	Lundbreck	90	1- 6-12
Thompson, Joseph	Coleman	97	1-11-12
Thomas, Isaac	Coleman	131	31- 7-13
Tennant, Robert	East Coulee	58	3- 7-18
Tully, Thomas	Fernie, B.C.	75	12- 7-18
Thompson, T.	Coleman	87	2- 7-19
*Turner, J. H.	Coalhurst	89	2- 7-19
Taylor, C. M.	Edmonton	118	1-10-19
Thomason, C.	Blairmore	119	12-11-19
Thomas, Isaac	Coleman (duplicate)	120	2- 1-20
Turner, Leonard	Nordeg	132	26- 7-20
Thomson, Andrew R.	East Coulee	159	1- 8-22
Thomson, George G.	Lethbridge	163	9- 9-22
Turner, Leonard	Nordeg (duplicate)	179	11- 8-24
Talbot, W. J.	Edmonton	207	29- 7-28
Thackray, Fred	Lethbridge	208	29- 7-28
Thomson, John	Edmonton	4	26- 7-31
Thomson, James	Namao	6	27- 7-31
Touhey, J. B.	Drumheller	22	6- 5-33
Tyrer, Edward	Shaughnessy	61	27- 8-37
Thomas, David R.	Edmonton	73	3- 9-38
Tyrer, Harold	Lethbridge	87	12- 8-39
Trevethin, Mark	Wayne	3	3- 8-40
Thompson, Joseph	Carbon	91	9- 1-40
Tiberg, A. J.	Blairmore	34	20- 7-43
*Unsworth, Robert	Hanna	36	30- 8-16
Utley F. W.	Bellevue	108	16- 7-19
Villard, Henry	Wabamun	181	11- 8-24
Vivuyurka, John	Mercoal	21	28- 9-32
Williams, Thomas H.	Vancouver, B.C.	8	20- 7-00
Waite, Archibald	Taber	10	26- 4-04
*Weatherby, Cory	Hillcrest	11	6-11-02
Wilson, William G.	Tacoma, Wash.	3	20-12-05
Whitelaw, Thomas	Lethbridge	25	24- 2-08
Watters, John	Banff	22	18- 1-08
Watkins, W. E.	Champion	20	18- 1-08
*Watson, William	Big Valley	13	26-12-07
*Wright, J. S.	Canmore	38	27-11-09
Winter, Archibald	Edmonton	63	16- 1-11
Watters, A. G.	Pocahontas	95	1-11-12
*Welch, James D.	Taber	113	20-11-12
Williams, John J.	Edmonton	11	18- 9-14
Worthington, Thomas	Lethbridge	69	9- 7-18
Worthington, W. T.	Edmonton	92	3- 7-19
Williams, W. E.	Edmonton	96	3- 7-19
Watkins, J. M.	Taber	106	15- 7-19
Williams, Albert	Edmonton	134	26- 7-20
Willets, Frederick	Hillcrest	148	1- 8-21
Wilson, Robinson	Drumheller	151	1- 8-21
Williams, Arthur E.	Saunders	162	1- 8-22
Williamson, David S.	Camrose	199	5- 8-27
Westcott, Henry M.	Wayne	201	10- 9-27
Whitehead, J. W.	Blairmore	216	5- 9-29
Wheatley, F. M.	Banff	3	26- 7-31
Wiltse, Donald H.	Edmonton	5	26- 7-31
Womersley, Alfred	Blairmore	25	29- 7-33
Webster James S.	Shaughnessy	88	17- 8-39
Welsh Edwin L.	Lethbridge	10	12- 7-41
Yard, George C.	Nordeg	150	1- 8-21
Young, D. B.	Bellevue	186	24- 7-25
Young, Charles	Bellevue	23	22- 7-42

*Deceased.

List of Names of Holders of Third Class Certificates

*Anderson, J.	Frank	13	
*Alderson, R. D.	Coleman	17	3- 1-07
Aspinall, Francis	Drumheller	32	30- 5-07
Ashurst, W.	Coleman	82	26- 8-09
Adlam, William	Hillcrest	108	2- 6-10
Archer, Roland	Hillcrest	132	22-12-10
Allen, William C.	Wayne	205	10- 8-12
Archibald, David	Bickerdike	222	25-11-12
Allan, Alexander M.	Hosmer, B.C.	247	31- 7-13

List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Adams, Thomas H.	Beverly	16	10- 3-14
Anderson, Andrew	Bellevue	39	17- 6-14
Atherton, Edward	Sheerness	40	14- 7-14
Appleton, John T.	Mountain Park	76	19- 4-15
Ashton, William	Hinton	90	27- 8-15
Anderson Hugh W.	Edmonton	150	7- 7-17
Ashman, Alfred	East Coulee	151	7- 7-17
Armstrong, John	Castor	171	17- 7-17
Armstrong, Peter M.	Nordegg	224	8- 6-18
Arbuckle, John	Mountain Park	263	26- 6-19
*Anderson, Peter B.	Mountain Park	264	26- 6-19
Allen, Edgar	Wayne	436	29- 8-21
Antrobus, Fred	Coleman	461	31- 7-22
Ambrossi, Antonio	British Columbia	478	1- 8-22
Astley, David	Luscar	483	1- 8-22
Anderson, Robert	Drumheller	638	17- 8-26
Anderson, Gunner W.	Evansburg	650	1- 8-27
Aitken, William	Mountain Park	668	24- 3-28
Allanby, Chas. H.	Foothills	679	19- 7-28
Armstrong, Alex.	Drumheller	697	16- 8-28
Armstrong, John	Castor	719	7- 6-29
Allen, Thos. G.	Blairmore	765	4- 6-30
Alexander, Wm.	Bellevue	8	26- 7-31
Annon Joseph L.	Winnifred	65	25- 6-32
Ashmore, Jas. Jr.	Champion	108	15- 6-33
Appleby, Wm. S.	Canmore	117	6- 7-23
Adamson, Robert	Huxley	157	12- 6-34
Augustin, Ernest C.	Grande Prairie	164	19- 6-34
Aitchison, Peter	Lethbridge	230	22- 6-36
Adamson, Alexander	Perbeck	231	22- 6-36
Atkinson, Chas. W.	Drumheller	249	3- 6-37
Anderson, Robert	Drumheller	258	23- 6-37
Anderson, Arne	Elnora	313	4- 7-38
Allen, Walter F.	Wayne	315	4- 7-38
Allan, William H.	Drumheller	347	8- 6-39
Andrew, Alfred	Edmonton	355	8- 6-39
Aschacker, Martin	Blairmore	1	3- 8-40
Allen, William H.	Drumheller(duplicate)	409	14- 9-40
Ainsworth, John H.	Halkirk	29	25- 7-41
Anderson, Robert	Drumheller	37	20- 4-42
Annon, Joseph L.	Bow Island (duplicate)	69	3-11-43
Bastian T. W.	Clover Bar	30	5-12-04
Barber, J.	Bankhead	7	3- 1-07
Bansemmer, R.	Bankhead	14	3- 1-07
Blake, P.	Lundbreck	23	14- 5-07
Brown, T.	Edmonton	24	14- 5-07
*Brownrigg, John H.	Frank	35	26-12-07
Burrows, C.	Frank	40	18- 1-08
Boulton, W. E.	Drumheller	48	29- 5-08
*Brovey, A. C.	Edmonton	64	1- 2-09
Besso, A.	Canmore	80	26- 7-09
Barnes, B. J.	Coal Creek, B.C.	92	29-11-09
Brisco, Daniel	Luscar	117	9- 6-10
Blake, Henry	Bellevue	133	30-12-10
Bradley, Thomas	Bellevue	138	16- 1-11
Barber, James S.	Hillcrest	144	3- 7-11
Bovio, Michael	Bellevue	146	3- 7-11
Brown, Alan J.	Coleman	163	17-11-11
Berford, Edward	Elcan	196	13- 7-12
Blakemore, Royden E.	Edmonton	227	16-12-12
Bainbridge, James	Nanaimo, B.C.	235	31- 7-13
Baird, John	Blairmore	243	31- 7-13
Beal, George F.	Bellevue	7	20-12-13
Byron, John	Coalhurst	11	10- 3-14
Brearley, Garnet	Turin	18	16- 3-14
Barclay, William	Drumheller	22	13- 3-14
Brown, John F.	Pocahontas	29	21- 4-14
Barclay, W. G.	Pocahontas	30	23- 4-14
Byers, John W.	Taber	48	25-11-14
Billington, Edward E.	England	73	25- 2-15
Booth, George	Beverly	85	18- 8-15
Boldon, James	Bellevue	86	19- 8-15
Bell, William	Coleman	95	12-10-15
Brown, Robert	Bellevue	112	10- 7-16
Bateman, Fred	Sheerness	123	14- 7-16
Barnes, Edward	Mountain Park	137	25- 9-16
Badham, Thomas	Drumheller	153	7- 7-17
Beveridge, Andrew	Lucky Strike	156	7- 7-17
Brown, David M.	Commerce	157	7- 7-17
Brooks, Burton T.	Drumheller	167	17- 7-17
Bartlett, Wallace	Elcan	173	17- 7-17
Bennett, Isaac	Armada	179	17- 7-17
Blair, John	Wayne	183	25- 7-17
Bobrovicki, Martin	Drumheller	217	5- 6-18
Baird, William	Drumheller	218	5- 6-18

List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Brooks, Claude E.	Drumheller	220	8- 6-18
*Blusson Joseph T. C.	Champion	253	26- 6-19
Briggs, Alfred J.	Carbon	254	26- 6-19
Brennan, John	Long Coulee	261	26- 6-19
Brown, Frank	Coal Creek, B.C.	262	26- 6-19
Birse, Alexander	Coalhurst	268	26- 6-19
Bateman, James	Lethbridge	279	26- 6-19
Bealle, Fred A.	Brule	285	26- 6-19
Ball, Alfred	Natal, B.C.	292	20-11-19
Bland, H. A.	Taber	296	3- 2-20
Briggs, Charles	Canmore	302	26- 7-20
Babino, Arthur	Bankhead	312	26- 7-20
Barclay, R. W.	Drumheller	313	26- 7-20
Beveridge, Andrew	Coleman	314	26- 7-20
Bainbridge, G. E.	Nordegg	343	26- 7-20
Bambrough, George	Hillcrest	345	26- 7-20
Burcey, A.	Calgary	352	26- 7-20
Bird, Richard	Nordegg	357	26- 7-20
Barringham, F. J.	Rosedale	362	26- 7-20
Baxter Robert	Canmore	374	17- 6-21
Brown, Thomas W.	Edmonton	377	1- 8-21
Battee, Noyes S.	Drumheller	381	1- 8-21
Blas, Emile	Bellevue	382	1- 8-21
Blake, Sylvanus R.	Wayne	384	1- 8-21
Barnes, Thomas	Blairmore	387	1- 8-21
Boyd, John	Wayne	390	1- 8-21
Barrie, James	Commerce	401	1- 8-21
Briggs, William A.	Carbon	414	1- 8-21
Bedwell, Alfred E.	Lethbridge	415	1- 8-21
Brooks, John	Bellevue	428	1- 8-21
Brown, George A.	Michel, B.C.	432	29- 8-21
Burton, John T.	Edmonton	448	21- 7-22
Birt, William C.	Evansburg	452	31- 7-22
Barnes, Ernest	Coleman	453	31- 7-22
Baker, Robert W.	Coleman	456	31- 7-22
Bradley, Walter	Cardiff	490	1- 9-22
Brooks, George W.	Edmonton	499	1-11-22
Brown, Austin L.	Edmonton	510	30- 5-23
*Barnes, John W.	Coleman	512	30- 6-23
Boscariol, J.	Mountain Park	521	17- 8-23
Brewer, Thomas W.	Drumheller	529	17- 8-23
Bonner, Fred	Evansburg	542	1- 9-23
Barrowman, Alexander	Nordegg	548	15- 9-23
Burton, William H.	Entwistle	553	1-11-23
Brown, Clarence H.	Drumheller	554	15-11-23
Boutry, A.	Bellevue	557	4-12-23
Burnham, George	Fallis	560	18-12-23
Brown, Richard G.	Cadomin	589	20- 7-25
Burrell John	Coleman	607	25- 7-25
Burrows, James G.	Bellevue	617	14-10-25
Balkwill, Frederick W.	Hillcrest	631	30- 7-26
Booth, Harry	Beverly	654	12- 8-27
Burton, James	Robb	670	19- 7-28
Brown, William	Canmore	676	19- 7-28
Bradshaw, James	Scapa	690	16- 8-28
Bailey, Leonard H.	Coalhurst	699	16- 8-28
Broderick, Frederick	Drumheller	702	24-10-28
Bevan, Walter	Canmore	721	7- 6-29
Boughton, C. A.	Rosedale	755	12-11-29
Boseley, Joseph H.	Bellevue	780	10- 6-30
Barber, William J.	Drumheller	781	10- 6-30
Blas, Victor	Blairmore	787	14- 6-30
Burrell, Archie K.	Drumheller	793	3- 7-30
Bell, William	Canmore	798	8- 8-30
Birrell, William	Robb	1	29- 1-31
Barrass, Thomas	Wayne	40	27- 7-31
Baker R. D.	Luscar	41	27- 7-31
Barons, James	Drumheller	48	3- 8-31
Brown, Frederick	Edmonton	58	2- 6-32
Blades, James	Delburne	62	25- 6-32
Bonetti, D.	Champion	73	25- 6-32
Barclay, Daniel	Sundre	89	23- 9-32
Blas, Emil	Blairmore	91	22-10-32
Booth, Joseph	Drumheller	98	10- 6-33
Bradley, James	Foreman	103	10- 6-33
Bond, Bertram	Coleman	106	15- 6-33
Beveridge, John S.	Midlandvale	122	29- 7-33
Brown, J. D. B.	Mountain Park	129	26- 8-33
Blackett, W. N.	Drumheller	131	15-10-33
Budda, Joseph J.	Bellevue	145	5- 6-34
Bordula, Andrew J.	Hanna	160	16- 6-34
Baroni, Alfred	Edmonton	166	27- 6-34
Bignell, Emford L.	Gadsby	170	26- 7-34
Black, Andrew Jr.	Rosedale Station	184	17- 1-35
Brown John	Canmore	185	20- 2-35

List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Bridarolli, G.	Magrath	203	8- 7-35
Bragdich, George	Thelma	207	24- 7-35
Bradshaw, Richard	East Coulee	209	26- 7-35
Broderick, Gideon	Canmore	221	10- 3-36
Budesheim, August E.	Dimsdale	238	20- 8-36
Batchelor, Frank	Lethbridge	275	10- 9-37
Barnes, George S.	Mountain Park	290	8- 6-38
Bulat, John	Edmonton	291	8- 6-38
Briers, Leonard	Red Deer	317	8- 7-38
Boychuk, Michael T.	Shaughnessy	324	12- 8-38
Barclay, Peter	Foothills	332	7- 9-38
Blum, Leo	Lymburn	336	19- 9-38
Bryant, E. A.	Wabamun	337	1-10-38
Briggs, Wm. A. Jr.	Drumheller	346	8- 6-39
Bachynski, John	Newcastle	348	8- 6-39
Blake, Robert	Bellevue	391	22- 8-39
Blake, Raymond	Bellevue	408	29- 2-40
Batty, George	Nordegg	3	3- 8-40
Brinkman, Alfred T.	Craigmyle	16	13- 1-41
Bianchini, Armand	Hillcrest	59	20- 7-43
Beveridge, James	Nordegg	65	30- 7-43
Barton, John S.	Nordegg	68	25-10-43
Cowan, W.	Bankhead	4	15-11-98
Chestnut, C.	Blairmore	28	26- 4-04
Churchill, J.	Frank	45	18- 4-05
Cawthorne, L.	Frank	46	18- 4-05
Chestnut, C.	Blairmore (duplicate)	28	6- 7-05
Catchpole, C.	Three Hills	2	30- 5-06
Cooke, J.	Bankhead	4	30- 5-06
*Clark, J. C.	Blairmore	33	18- 7-07
Clyne, James	Edmonton	65	1- 2-09
Cole, J. J.	Canmore	66	1- 2-09
Campbell, Kenneth S.	Edmonton	102	27- 1-10
Clemenson, John	Bankhead	105	30- 5-10
Carson, James	Coalhurst	120	21- 6-10
Crockett, Levi A.	Hillcrest	131	22-12-10
Coupland, George	Bellevue	148	4- 7-11
Carson, George	Frank	154	8- 7-11
Crawford, George	Frank	160	17-11-11
Combs, Walter P.	Taber	164	17-11-11
Coupland, Edward	Cadomin	173	17-11-11
Cox, John	Toronto	193	13- 7-12
Crawford, John	Edmonton	197	13- 7-12
Coutts, George	Lethbridge	210	26-10-12
Clark, Robert	Lethbridge	212	31-10-12
Cranston, Michael	Drumheller	218	11-11-12
Crawford, William	Lethbridge	8	6- 3-14
Coutts, David	Hardieville	23	30- 3-14
Crabb, S. A. B.	Lethbridge	38	28- 5-14
Chaplow, Joseph	Lethbridge	49	25-11-14
Clarke, Robert G.	Drumheller	70	16- 2-15
Campbell, John H.	Canmore	71	16- 2-15
Coxon, Thomas	Nacmine	89	27- 8-15
Convery, Dennis	Coleman	107	10- 7-16
Cooper, John A.	Lethbridge	166	10- 7-17
Coutts, Anthony B.	Hardieville	178	17- 7-17
Campbell, Henry	Bellevue	188	13- 8-17
Cartwright, Chas. E.	Blairmore	198	4- 4-18
Cousens, Gilbert W.	Bellevue	199	4- 4-18
Collins, Sidney G.	Edmonton	219	5- 6-18
Chapman, Christopher	Drumheller	232	12- 6-18
Campbell, George P.	Nordegg	229	8- 6-18
Chambers, Ralph H.	Lovett	246	25- 6-19
Campbell, Thomas	Alexo	247	25- 6-19
Conley, Leroy L.	Saunders	260	26- 6-19
Chalmers, James	Edmonton	278	26- 6-19
Carr, Thomas	Cadomin	283	26- 6-19
Clark, John	Bankhead	301	26- 7-20
*Congalton, Clem S.	Vancouver, B.C.	315	26- 7-20
Cameron, Donald	Coalspur	331	26- 7-20
Cotterill, John	Rosedale	346	26- 7-20
Crawford, George	Bellevue (duplicate)	365	26- 7-20
Candlish, W. S.	Brule	366	26- 7-20
Causey, Thomas	Taber	403	1- 8-21
Craig, James M. S.	Nordegg	413	1- 8-21
Clelland, William	Lethbridge	421	1- 8-21
Curry, John	Passburg	439	3-11-21
Chalmers, Robert	Edmonton	454	31- 7-22
Cowan, James	High River	459	31- 7-22
Congdon, Milton H.	Blairmore	476	1- 8-22
China, John	Nordegg	480	1- 8-22
Cardle, James	Bellevue	481	1- 8-22
Clarke, Richard	Hillcrest	500	1-11-22
Clelland, Thomas	Edmonton	574	24- 7-24
Crichton, Robert	Hillcrest	516	17- 8-23

List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Carty, Patrick	Evansburg	595	20- 7-25
Canet, Camille A.	Blairmore	601	25- 7-25
Crawford, Robert	Lethbridge	619	21-10-25
Chavignaud, Louis G.	Hinton	626	26- 7-26
Crawford, Charles	Edmonton	647	1- 8-27
Conlin, Richard	Drumheller	656	14- 8-27
Crawford, James	Clover Bar	662	10- 9-27
Cumberland, James	Drumheller	672	19- 7-28
Cartledge, George F.	Aerial	673	19- 7-28
Carmichael, Malcolm	Canmore	684	1- 8-28
Colbourne, J. H.	Drumheller	710	1- 5-29
Currie, Robert	Canmore	715	7- 6-29
Christie, Joseph	Bellevue	731	17- 6-29
Clack, Robert W.	Drumheller	740	17- 6-29
Castella, Jens	Standard	743	5- 7-29
Clancy, James	Craigmyle	28	3- 8-31
Chisholm, John A.	Luscar	37	22- 8-31
Clyne, James M. Jr.	Edmonton	45	26- 8-31
Challenger, Edward J.	Magrath	86	24- 8-32
Cowan, Robert	Drumheller	92	22-10-32
Campbell, James	Cluny	107	15- 6-33
Crozier, John E.	Drumheller	128	26- 8-33
Comin Silvio	Bellevue	148	5- 6-34
Calderbank, J. S.	Scapa	155	12- 6-34
Chamberlain, William H.	Coleman	162	19- 6-34
Craig, Andrew	Coalhurst	169	26- 7-34
Courtorelle, Alan F.	Drumheller	171	13- 8-34
Chiswick, James	Gadsby	175	27- 8-34
Clozza, Angelo	Newcastle	193	10- 6-35
Chemotti, Guiseppe	Lethbridge	239	25- 8-36
Chapman, John W.	Mountain Park	245	31- 5-37
Crawford, Hugh	Lethbridge	266	13- 7-37
Camarta, John	Bittern Lake	287	8- 6-38
Cumberland, Granger	Drumheller	289	8- 6-38
Campbell, Harry B.	Forestburg	303	22- 6-38
Colonel, Daniel	Edberg	318	14- 7-38
Crawford, John S.	Alix	333	7- 9-38
Curry, John	Hillcrest	368	22- 6-39
Cherrille, Orlando	Edmonton	371	22- 6-39
Campkin, Robert	Lousana	384	20- 7-39
Cooke, Chas. R.	Willow Creek	395	10- 9-39
Craig, Robert T. S.	Nordegg	4	3- 8-40
Chalmers, Robert	Edmonton	15	26-11-40
Chesney, Samuel	Cadomin	43	17- 7-42
Celli, Jerry J.	Coleman	46	18- 7-42
Carr, John R.	Cadomin	62	20- 7-43
*Davies, W. J.	Edmonton	16	25-11-03
*Downs, T.	Canmore	24	25-11-03
Duggan, R. G.	Taber	27	26- 4-04
Davies, T.	Frank	49	18- 4-05
Downs, T.	Canmore (duplicate)	6	6-10-06
Dickson, S.	Commerce	18	3- 1-07
Devonshire, G.	Canmore	31	23- 5-07
Duggan, E. J.	Taber	41	18- 1-08
Davies, T. O.	Calgary	109	2- 6-10
Davidson, David	Coleman	170	17-11-11
Doodson, Robert	Coal Creek, B.C.	177	17-11-11
Duthie Alexander F.	Pocahontas	184	28-11-11
*Digman, John H.	Royal View	198	13- 7-12
Duncan, Ninian S.	Dodds	211	31-10-12
Draper, Robert	Hillcrest	214	1-11-12
Dennis, Frederick W.	England	3	28-11-13
D'Altroy, Arthur C.	British Columbia	6	1-12-13
Devoy, William	Hardieville	9	6- 3-14
Dean, William	Bankhead	20	20- 3-14
Duggan, John	Wayne	97	12-10-15
Douglas, D. B.	Edmonton	129	26- 7-16
Davis, William	Mountain Park	192	7-11-17
Dunnigan, Edward	Evansburg	216	1- 6-18
Davies, J.	Drumheller	222	8- 6-18
Dawes, Edmund	Coleman	265	26- 6-19
Dupen, Thomas	Edmonton	275	26- 6-19
Dunlop, Hugh	Coleman	321	26- 7-20
Dunn, W. P.	Edmonton	347	26- 7-20
Dryburgh, W. W.	Nordegg	356	26- 7-20
Dieter, Walter J.	Sheerness	397	1- 8-21
Davey, George	Wayne	418	1- 8-21
Dunn, Samuel	Taber	441	15-12-21
Deere, Gladstone E.	Blackstone	449	21- 7-22
D'Amico, George	Nordegg	486	1- 8-22
Davies, John C. H.	Coalmont, B.C.	492	1- 9-22
Dudley, John T.	Hillcrest	493	1- 9-22
Davidson, Albert M.	Dodds	517	17- 8-23
Desson, Horace E.	Rosedale	526	17- 8-23
Driscoll, L.	Evansburg	560	24- 7-24

List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Dawson, Glen	Brule	573	24- 7-24
Dunbar, Edgar J.	Canmore	575	1- 8-24
Dunn, Charles F.	Drumheller	604	25- 7-25
Dupen, Albert E.	Lethbridge	616	14- 8-25
Davis, Fred M.	Jeffrey	619	28- 9-25
Dutton, Joseph A.	Mountain Park	623	26- 7-26
Donnachie, John	Brule	630	26- 7-26
Dixon, John O.	High River	698	16- 8-28
Davis, D. B.	Midlandvale	730	10- 6-29
Davies, James	East Coulee	784	10- 6-30
Dutka, Joseph	Canmore	794	3- 7-30
Dalziel, William	Clover Bar	14	26- 7-31
Davies, W. E.	Hillcrest	16	26- 7-31
Denholm, James	Mercoal	17	26- 7-31
Davidson, Robert M.	Coleman	33	26- 7-31
Davies, Richard	Luscar	42	26- 7-31
Dinsdale, Wm.	East Coulee	61	2- 6-32
Donaldson, Thomas	Shaughnessy	64	25- 6-32
Davies, E. M.	Wayne	95	25- 5-33
Davies, G. C.	Lundbreck	114	3- 7-33
Dutton, Alfred	Mountain Park	121	29- 7-33
Dixon, W. B.	High River	179	10- 9-34
Darbyshire, Harry	Drumheller	183	18-12-34
Droppo, Wm.	Midlandvale	208	26- 7-35
Douglas, Peter S. Jr.	Cadomin	233	22- 6-36
Dunbar, Robert	Hinton Trail	272	16- 8-37
Duquesne, George G.	Champion	306	22- 6-38
Dunn, Robert A.	Willow Creek	322	8- 8-38
Davies, Ernest	Big Prairie	326	26- 8-38
Dolanz, Iggie	Three Hills	361	22- 6-39
Dobson, Roy C.	Lethbridge	2	3- 8-40
Damico, Zupito	Nordegge	8	3- 8-40
Duncan, David R.	Alexo	24	15- 7-41
Driega, William	Cadomin	61	20- 7-43
*Eccleston, W.	Michel, B.C.	20	3- 1-07
Evans, H.	Taber	94	3- 1-07
Evans, D.	Frank	83	3- 9-09
Evans, Hugh	Lethbridge	156	12- 7-11
Embree, Merton B.	Evansburg	239	31- 7-13
Evans, Nathaniel	Passburg	54	27-11-14
Evans, Llewellyn	Coleman	152	7- 7-17
Excoffon, Eugene	Bellevue	155	7- 7-17
*Eno, John W.	Drumheller	223	8- 6-18
Eccleston, Richard	Bellevue	243	26- 6-19
Evans, Thomas O.	R.R. 2, Millet	244	26- 6-19
Evans, Gwilym	Blairmore	308	26- 7-20
Evans, Charles	Hillcrest	327	26- 7-20
Eccleston, J. W.	Mountain Park	330	26- 7-20
Evans, William	Drumheller	360	26- 7-20
Evans, Thos. L.	Calgary	367	1-11-20
Evans, James D.	Drumheller	383	1- 8-21
Entwistle, Albert V.	Kipp	471	31- 7-22
Eccleston, Thomas	Mountain Park	475	31- 7-22
Eckert, William	Sedalia	539	17- 8-23
Elkes, F. W.	Newcastle	724	7- 6-29
Evans, H.	Mountain Park	750	5- 9-29
Edwards, John	Cadomin	32	26- 7-31
Evans, David E.	Luscar	46	26- 7-31
Ewing, Fred	Donalda	97	10- 6-33
Edwards, O. E.	Cadomin	115	3- 7-33
Evans, I. L.	Blairmore	196	18- 6-35
Emblau, Archie A.	Mountain Park	268	13- 7-37
Elliott, James	Drumheller	277	26-10-37
Evans, Evan	Taber	362	22- 6-39
Emmerson, Chas. A.	Bellevue	5	3- 8-40
Eskeland, Arthur	Champion	21	12- 7-41
Fairhurst, H.	Lethbridge	39	23-12-04
Ferguson, C. J.	Edmonton	4	20-12-05
Fraser, J.	Coleman	8	3- 1-07
Fowers, C. W.	Canmore	50	29- 5-08
Fox, A.	Carbon	55	8- 1-09
Fiske, G. E.	Edmonton	88	27-11-09
Fisher, Samuel	Passburg	169	17-11-11
Ford, Allen	Burmis	183	28-11-11
Foster, William	Robb	31	28- 4-14
Ferguson, John	Commerce	34	23- 5-14
Fyfe, Walter H.	Nelson, B.C.	79	19- 8-15
Fishwick, Thomas	Stettler	98	12-10-15
Foster, James	Lethbridge	174	17- 7-17
Fisher, William J.	Bellevue	186	17- 7-17
Fisher, James	Bellevue	194	3- 4-18
Fisher, Ernest	Bellevue	256	26- 6-19
Fraser, Alec	Carmanagay	274	26- 6-19
Fraser, James	Carbon (duplicate)	286	25- 8-19
France, Harry	Calgary	288	8-10-19

List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Flynn, Thomas E.	Coleman	306	26- 7-20
Ford, George C.	Drumheller	310	26- 7-20
Fudge, George H.	Foothills	311	26- 7-20
Fisher, Harry	Hillcrest	338	26- 7-20
Fourneau, Jean F.	Bellevue	396	1- 8-21
Ferryman, Henry	Corbin, B.C.	447	16- 6-22
Foster, Richard	Edmonton	502	29-12-22
Fleming, Nelson	Coleman	550	1-11-22
Fulton, James	Champion	652	12- 8-27
Fry, N.	Donalda	752	5- 9-29
Fox, A. A.	Canmore	808	29-10-30
Finkbinder Henry	Scapa	30	26- 7-31
Foster, Cyril E.	Rocky Mountain House	60	2- 6-32
Fridel, Stephen	Barrhead	63	25- 6-32
Foye, Edward B.	Delia	93	1-11-32
Forshaw, Richard	East Coulee	138	26- 1-34
Fisher, Samuel	Drumheller	139	26- 1-34
Fawcett, Elmer S.	Cardiff	150	9- 6-34
Farmer, James	Drumheller	176	27- 8-34
Farmer, Eli	Drumheller	189	10- 6-35
Fisher, John M.	Chin	190	10- 6-35
Fregren, Eric	Mercoal	280	11- 2-38
Fox, Benjamin	Carbon	297	11- 6-38
Folden, Irvine A.	East Coulee	323	9- 8-38
Fox, Alfred Jr.	Carbon	334	19- 9-38
Fraser, Wm. B. Jr.	Coleman	350	8- 6-39
Farnworth, George	Nordegg	30	25- 7-41
Fraser, James B.	Coleman	32	25- 7-41
Forsyth, John	Lethbridge	54	1- 7-43
Fontana, B. J.	Coleman	57	20- 7-43
Giffen, H. R.	Coalfields	19	26- 4-04
*Gates, H.	Coleman	26	26- 4-04
Griffiths, E. H.	Canmore	33	5-12-04
Griffiths, T. J.	Lille	77	18- 6-09
Gatiss, R.	Long Coulee	85	25-11-09
Gladwin, J.	Edmonton	97	20-12-09
Gillespie, John M.	Coleman	111	2- 6-10
Gilliland, William	Cardiff	123	8-11-10
Gwilliam, David J. M.	Namao	130	22-12-10
Gregory, John B.	Passburg	128	17-12-10
Garrett, John	Lille	147	4- 7-11
Griffiths, John T.	Lille	168	17-11-11
Garbett, Richard	Michel, B.C.	180	23-11-11
Gorton James	Hillcrest	203	22- 7-12
Green, Henry V.	Halkirk	1	1-11-13
Grant, Robert H.	Three Hills	2	23-10-13
Grant, Robert	Lethbridge	10	10- 3-14
Goldie, William	Lethbridge	24	1- 4-14
Graham, Robert	Clover Bar	50	27-11-14
*Gilday, Michael E.	Drumheller	63	11-12-14
Gillespie, John C.	Drumheller	132	3- 8-16
Greenhalgh, Richard M.	Coleman	154	7- 7-17
Givens, John	Drumheller	158	10- 7-17
Goodrick, William L.	Commerce	168	17- 7-17
Goodwin, Andrew	Bellevue	187	13- 8-17
Gammie, John S.	Drumheller	226	8- 6-18
Grant, Donald A.	Hillcrest	242	26- 6-19
Gordon, Thomas	Drumheller	248	26- 6-19
Green, Henry V.	Halkirk (duplicate)	291	15-11-19
Goodwin, G. W.	Bellevue	320	26- 7-20
Gidman, J. H.	Taber	348	26- 7-20
Gibson Henry	Edmonton	349	26- 7-20
Gilmour, Pete	Bragg Creek	363	26- 7-20
Gibson, William	Edmonton	370	26- 7-20
Goodwin, Watts	Bellevue	408	1- 8-21
Galbraith, A. G.	Coalhurst	460	31- 7-22
Gregory, William W.	Mountain Park	496	6- 9-22
Gavelin, Fred	Blairmore	519	17- 8-23
Gibson, Joseph C.	Cardston	587	24- 1-25
Gilmour, John	Cadomin	605	25- 7-25
Gordon, David L.	Drumheller	636	6- 8-26
Gibson, Thomas P.	Midlandvale	663	16- 9-27
Gallagher, John	Rosedale Station	760	4- 6-30
Goodwin, William	Beilevue	766	4- 6-30
Green, William	Luscar	775	10- 6-30
Guisto, G.	Beazer	6	13- 7-31
*Graham, William	Coleman	19	26- 7-31
Gotheridge, W. V.	Round Hill	26	26- 7-31
Goodwin, Albert E.	Bellevue	43	26- 7-31
Gibson James	Willow Creek	75	25- 6-32
Guiney, C. John	Rosebud	79	25- 6-32
Galenza, P. L.	Leduc	113	3- 7-33
Gardner, H. H.	Coleman	135	31-10-33
*Grenda, Stanley	Turin	198	28- 6-35
*Graver, G.	East Coulee	201	4- 7-35

List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Garner, E. Denison	Canmore	222	3- 6-36
Gibney, Frank	Grande Prairie	260	23- 6-37
Greig, Norman	Dinant	293	10- 6-38
Grant, Alexander	Hillcrest	298	13- 6-38
Groombridge, Thos.	Edberg	312	4- 7-38
Green, Walter	East Coulee	328	29- 8-38
Green, Wm. J.	Dinant	343	13- 2-39
Gill, Peter	Thorsby	352	8- 6-39
Griffiths, Ed.	Foothills	367	22- 6-39
Gotheridge, C. F.	Round Hill	370	22- 6-39
Grubisich, Walter	Hinton	375	4- 7-39
George, Pete	Three Hills	386	25- 7-39
Gladwin Lewis C.	Carstairs	19	11- 7-41
Goods, Peter	Drumheller	39	17- 7-42
Gibson, George	Blairmore	67	9-10-43
Holmes, G. E.	Fernie, B.C.	15	1903
Hood, Andrew	Frank	20	21- 6-03
Hadfield, John	Canmore	23	21- 6-03
Harrison, Thomas	Cadomin	29	11- 7-04
Haines, Thomas	Coleman	37	23-12-04
Harvie, Robert	Lethbridge	40	23-12-04
Hannen, James	Canmore	1	30- 5-06
*Holden, James	Bankhead	13	3- 1-07
Hadfield, John	Coleman (duplicate)	21	4- 4-07
Humble, Stephen T.	Bellevue	29	23- 5-07
Hamilton, Charles	Edmonton	36	10- 1-08
Hilling, James	Coleman	43	23- 1-08
Hallworth, Albert	Bellevue	52	12- 6-08
Hayes, Robert	Blairmore	60	22- 1-09
Henderson, W.	Calgary	61	26- 1-09
Harvie John	Taber	68	1- 2-09
Hutton, Isaac	Bellevue	99	27-12-09
Hartley, William	Bankhead	110	2- 6-10
Hill, James	Canmore	114	3- 6-10
*Hulme, Chas.	Hillcrest	124	17-12-10
Henderson, James	Reid Hill	134	30-12-10
Hutton, John	Edmonton	135	30-12-10
Henderson, Samuel	Reid Hill	136	30-12-10
Halliday, George	Champion	155	8- 7-11
Hughes, William R.	Barnwell	181	23-11-11
Hutton, George	Bellevue	186	2-12-11
Hutchinson, Peter	Ardley	202	22- 7-12
Heap, Robert	Lundbreck	206	10- 8-12
Hunter, Alexander B.	Drumheller	207	10- 8-12
Harries, Henry C.	Coleman	209	26-10-12
Hutton, David T.	Bellevue	241	31- 7-13
Halliday George W.	Nanaimo, B.C. (duplicate)	248	31- 7-13
Heathcote, Joseph	Edmonton	32	28- 4-14
Harrison, William	Cassidy, B.C.	41	27- 8-14
Hynd, William	Elcan	52	27-11-14
Hutton, Hugh	Bellevue	60	5-12-14
Hargreaves, George	Lethbridge	65	11-12-14
Hopkins, William	Coleman	93	1- 9-15
Huddart, Matthew	Bellevue	102	18-11-15
Hamilton, John	Lethbridge	120	10- 7-16
Howells, John	Elcan	126	19- 7-16
Hyde, Isaac	Cadomin	134	15- 9-16
Holmes, Robert	Coleman	141	11-11-16
Hunter, John T.	Garden Plain	148	7- 7-17
Holland, Thomas	Lethbridge	161	10- 7-17
Hastings, Andrew P.	Champion	176	10- 7-17
Higgins, John	Bellevue	201	18- 4-18
Hodgkinson, John A.	Mountain Park	205	1- 6-18
Hudyma, John	Pocahontas	207	1- 6-18
Head James	Taber	209	1- 6-18
Hooks, John W.	Drumheller	210	1- 6-18
Hedges, Richard	Beverly	239	29- 8-18
Higney, John	Coalhurst	245	26- 6-19
*Hillary, John	Rosedale	258	26- 6-19
Hopkins, John T.	Coleman	259	26- 6-19
Hunter, James	Lethbridge	276	26- 6-19
Huff, L. E.	Lethbridge	325	26- 7-20
Hutchison, J. J.	Lovett	332	26- 7-20
Hawkins, E. L.	Nordeg	339	26- 7-20
Hillary, Joseph	Drumheller	391	1- 8-21
Hamilton, Thomas M.	Blairmore	393	1- 8-21
Hutchinson, George E.	Nordeg	404	1- 8-21
Hall, James	Brookdale	402	1- 8-21
Hetherington, R. Jr.	Wayne	420	1- 8-21
Hogg, Charles M.	Lethbridge	424	1- 8-21
Hamilton, Joseph J.	Lethbridge	434	29- 2-21
Hall Ernest	Wayne	438	10-10-21
Horner, Charles	Edmonton	440	16-12-21
Hopkins, William H.	Drumheller	451	31- 7-22
Hooten, Robert	Edmonton	505	15- 2-23

List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Hughes, Harry	Natal, B.C.	506	9- 3-23
Harris, Rupert S.	Edmonton	513	17- 8-23
Hawkins, Harold	Drumheller	541	1- 9-23
Hulme, James	Carbon	564	26- 2-24
Hart, Daniel	Wayne	566	26- 6-24
Hadfield, W. A.	Coleman	567	16- 7-24
Harries, John	Wayne	568	16- 7-24
Hughes, Angus	Coleman	572	24- 7-24
Horne, James	Cadomin	576	1- 8-24
Holliday, William	Drumheller	596	20- 7-25
Hagblad, Theodore	Lethbridge	602	25- 7-25
Hetherington, Joseph W.	Carbon	609	25- 7-25
Hronek, Ben	Halkirk	614	1- 8-25
Hibbert, William T.	Dinant	622	11- 5-26
Hansen Knud	Aerial	644	1- 8-27
Henderson, Andrew	Wayne	655	14- 8-27
Hamilton, John M.	Hanna	657	14- 8-27
Hillary, Michael	Midlandvale	665	26-10-27
*Horne, Thos. Jr.	Luscar	687	1- 8-28
Hart, James J.	Coleman	692	16- 8-28
Hall, Robert	Canmore	703	24-11-28
*Hadwell, A. J.	Bellevue	717	7- 6-29
Halbert, David	Trochu	723	7- 6-29
Hillary, H.	Bellevue	736	17- 6-29
Hulbert, H. A.	Coleman	747	23- 7-29
Hutton, Walter C.	Coalhurst	756	18- 2-30
Hopkins, Arthur J.	Foothills	761	4- 6-30
Heyworth, E. S.	Beverly	763	4- 6-30
Hunter, Thomas	Edmonton	805	22-10-30
Hooks, Albert	Drumheller	807	29-10-30
Harrop, Wm.	Robb	2	20- 1-31
Hogg, John	Foothills	22	13- 7-31
Hadwell, Thomas C.	Blairmore	27	26- 7-31
Howells, Edward W.	Mercoal	52	6- 1-32
Halbert, Robert	Trochu	71	25- 6-32
Hook, Alfred J.	Halkirk	78	25- 7-32
Holton, Joseph	Magrath	140	5- 4-34
Hill, Ernest	Coleman	144	5- 6-34
Halbert, Benjamin G.	Trochu	151	9- 6-34
Hanson, Andrew	Three Hills	187	10- 6-35
Halbert, Robert A.	Trochu	217	23- 9-35
Hilbert, Waddington	Mercoal	240	13-10-36
Holliday, Thomas	Drumheller	247	1- 6-37
Hanna, Thomas	Mercoal	269	21- 7-37
Horz, E. Louis C. J.	Evansburg	308	22- 6-38
Hamilton, Duncan C.	Drumheller	320	28- 7-38
Henry, Wm. B.	Newcastle	339	9-11-38
Hetherington, W. B.	Calgary	340	9-11-38
Honeyman, Maurice R.	Robb	369	22- 6-39
Heidel, Herbert G.	Priddis	401	12-10-39
Horkulak, Andrew	Thorsby	25	15- 7-41
Hawells, David T.	Lethbridge	27	15- 7-41
Hibbert, George	Three Hills	28	15- 7-41
Harris, Edward V.	Rosedale	52	29- 7-42
Ironmonger, John	Hillcrest	145	3- 7-11
Instone, Henry	Hillcrest	197	3- 4-18
Ironmonger, William	Hillcrest	487	1- 8-22
Ivan Mike	East Coulee	199	28- 6-35
Inverarity, William	Rosebud	382	4- 7-39
Jones, Evan	Coalfields	12	26- 4-04
James, Joseph	Frank	25	26- 4-04
Jones, Samuel A.	Nanaimo, B.C.	17	26- 4-04
Jones, Erskine	Coalfields	47	18- 4-05
James, Henry	British Columbia	53	14- 7-08
Jones, David	Edmonton	69	1- 2-09
Jones, Jack	Cardiff	127	17-12-10
Jones, Peter	Lethbridge	195	13- 7-12
Jordan, William	East Coulee	220	20-11-12
Joyce, Michael	Blairmore	224	25-11-12
*James William	Pocahontas	234	31- 7-13
Jackson, John	Bellevue	246	31- 7-13
James, John	Cadomin	28	21- 4-14
Jones, David	Commerce	55	27-11-14
Johnson, Albert	Coleman	88	26- 8-15
Jones, Daniel H.	Lovett	99	10-12-15
Jones, Evan J.	Calgary	144	3- 7-17
Jinks, William E.	England	180	25- 7-17
Jones, John H.	Taber	214	1- 6-18
James, Isaac A.	Coleman	252	26- 6-19
Jones, Richard	Nordegg	289	8-10-19
Johnstone, Alexander	Clover Bar	329	26- 7-20
James, Thomas	Saunders	340	26- 7-20
Jones, Griffith	Willow Creek	375	17- 6-21
Jordon, Benjamin	Calgary	463	31- 7-22
Jones, Edward B.	Hillcrest	469	31- 7-22

List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Jones, Daniel	Edmonton	474	31- 7-22
Jones, Richard M.	Wayne	491	1- 9-22
Jackson, Thomas	Coleman	495	1- 9-22
Jones, Arthur	Coleman	547	15- 8-23
Johnson, Chris	Carbon	561	28-12-23
Jones, David I.	Wayne	578	11- 8-24
*Jones, I.	Edmonton	589	3- 3-25
Jones, Elias	Coleman	680	1- 8-25
Johnson, Thomas	Drumheller	696	16- 8-28
Jubb, J. W.	Drumheller	708	1- 5-29
Jones, Jenkin	Luscar	771	4- 6-30
James, Isaiah	Rumsey	801	18-10-30
Johnson, Moses F.	Alix	804	18-10-30
James, Albert J.	Forestburg	25	26- 7-31
Jones Douglas W.	Pincher Creek	49	27- 9-31
Johnson, Alexander J.	Ardley	68	25- 6-32
Jones, Wm. J.	Rosalind	74	25- 6-32
Jones, W. J.	Newcastle	100	10- 6-33
Jones, E. W.	Drumheller	127	22- 8-33
Jones, David	Wayne	133	25- 9-33
James, Hiram	Heisler	158	16- 6-34
James, Alfred	Drumheller	182	12-10-34
Johnson, Martin R.	Rumsey	234	22- 6-36
Jones, Wyndham	Coleman	246	1- 6-37
James, Joseph	Cadomin	248	3- 6-37
Jones, J. R. B.	Hinton	301	22- 6-38
James, John C.	Mountain Park	7	3- 8-40
James, William	Mountain Park	14	6-11-40
Jackson, Harold W.	Forestburg	51	26- 7-42
Kerr, W. R.	Coleman	89	29-11-09
*Kirkeberg, Henry S.	Michel, B.C.	87	27-11-09
Kerr, Robert T.	Passburg	75	17- 6-09
Kerr, Robert	Lundbreck	76	17- 6-09
Kaye, Herschal	Maycroft	191	4- 1-12
Kemp, David	Beaver Mines	201	22- 7-12
Keynon, William	Mountain Park	44	28- 9-14
Knox, Joseph	Hardieville	119	10- 7-16
Kelly, Patrick	Edmonton	147	7- 7-17
Kerrison, Thomas W.	Magrath	163	10- 7-17
Koentges, John	Blairmore	182	25- 7-17
Kyle, Daniel C.	Hillcrest	185	25- 7-17
Klejko, Stephen	Coleman	213	1- 6-18
King, John J. J.	Nordegg	221	8- 6-18
Kirkham, Thomas	Sheerness	284	26- 6-19
Kehl, Isodore	Big Valley	359	26- 7-20
Krause, Herman F.	Lethbridge	407	1- 8-21
Kay, Arthur	Coleman	501	1-11-22
Klatt, Rudolph E.	Evansburg	544	1- 9-23
Knudson, Arthur	Canmore	586	4-12-24
Kendrick Samuel O.	Edmonton	597	20- 7-25
Kennedy, William	Mountain Park	606	25- 7-25
Kergan, Robert G.	Lethbridge	610	25- 7-25
Krupper, A.	Drumheller	711	7- 6-29
King, Joseph	Coalhurst	726	7- 6-29
Kay, Walter S.	Drumheller	754	12-11-29
Kerr, Robert G.	Blairmore	764	4- 6-30
Koentges, Joseph	Bellevue	770	4- 6-30
Kowal, Alex.	Canmore	790	14- 6-30
Kennedy, Joseph	Willow Creek	799	10- 9-30
Kiernan, Patrick	Robb	3	20- 2-31
Kay, Willim	Drumheller	53	26- 2-32
Kirkeby, B. A.	Craigmyle	101	10- 6-33
Keough, Frank J.	Drumheller	134	30- 9-33
Kurp, Benjamin C.	Alix	143	5- 6-34
Kurp, Thomas J.	Delburne	172	13- 8-34
Krossa, O.	Shaughnessy	181	9-10-34
Keith, Albert	East Coulee	250	11- 6-37
Keith, Roy	Willow Creek	254	11- 6-37
Knight, William	Carbondale	261	23- 6-37
Kummer, William	High River	265	23- 6-37
Kane, Frank	Hinton	344	3- 4-39
Koshman, Alexander T.	Shaughnessy	372	22- 6-39
Kozmeniuk, Steve	East Coulee	378	4- 7-39
Kryskow, Michael	Carbondale	20	12- 7-41
Kubin, John J.	Coleman	42	17- 7-42
Kinnear, John A.	Coleman	64	22- 7-43
*Livingstone, Robert	Lethbridge	7	21-11-98
*Livingstone, Jas. C.	Lethbridge	18	26- 4-04
Learmonth, A. J.	Redcliff	42	23- 1-08
Love, William	Edmonton	86	27-11-09
Lamont, David	Cadomin	98	24-12-09
Letcher, John J.	Hillcrest	149	4- 7-11
Leblanc, Emile	Wayne	153	8- 7-11
Littler, Robert	Michel, B.C.	166	17-11-11
Loxton, George	Fernie, B.C.	176	17-11-11

List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Littler, John	Michel, B.C.	190	30-12-11
Littler, Matthew	Michel, B.C.	226	7-12-12
Laight, Jonas	Medicine Hat	233	3- 5-13
*Ludbrook Ellis E.	Bickerdike	237	31- 7-13
Lynch, Stewart	Canmore	26	15- 4-14
Loxton, John	Fernie, B.C.	51	27-11-14
Letcher, Joseph H.	Lovett	100	12-10-15
Lamond, David	Evansburg	109	10- 7-16
Loftus, Edward	Drumheller	111	10- 7-16
Lewis, Thomas	Hardieville	131	26- 7-16
Longworth, Thomas	Calgary	146	5- 7-17
Logan, John T.	Drumheller	190	6- 9-17
*Lote, Francis	Hillcrest	195	3- 4-18
Lohmaier, Peter	Sheerness	238	15- 7-18
Lee, Walter J.	Nordegg	269	26- 6-19
Lindsay, John	Coalhurst	272	26- 6-19
Lindsay, James	Coalhurst	273	26- 6-19
Lawrence, John	Drumheller	294	1-12-19
Lewis, Hanbury	Calgary	364	1-11-20
Leonard, Philip	Nordegg	479	1- 8-22
Lytkowski, William P.	Canmore	503	30-12-22
Lecuyer, Glenn	Midlandvale	562	31-12-23
Lewis, John W.	Mountain Park	580	25- 9-24
Lavis, George	East Coulee	585	14-11-24
Longworth, John	Bellevue	634	30- 7-26
Lowry, William J.	Drumheller	641	22- 9-26
Leitch, Thomas	Drumheller	660	1- 9-27
Lazzarotto, Peter	Picture Butte	682	1- 8-28
Lammie, Robert	Beverly	694	16- 8-28
Lehmann, Max	Wayne	742	5- 7-29
Lund, Fred	Blairmore	767	4- 6-30
Laing, W. R.	Cadomin	774	10- 6-30
Letcher, R. C.	Hillcrest	795	12- 7-30
Leivers, Albert	Wayne	12	13- 7-31
Low, James A.	Coleman	147	5- 6-34
Loten, Henry V.	Newcastle	186	20- 2-35
Lonsbury, W. P.	Coleman	191	10- 6-35
Lloyd, James H.	Blairmore	192	10- 6-35
Lewis, Fred	Mountain Park	227	22- 6-36
Lister, Arthur L.	Cadomin	232	22- 6-36
Lynass, John	Delburne	267	13- 7-37
Louhella, Sula A.	Canmore	295	10- 6-38
Lynass, James C.	Delburne	310	22- 6-38
Lesson, Steve	Bellevue	354	8- 6-39
Loula, William	Bellevue	374	22- 6-39
Luini, Louis	Hillcrest	376	4- 7-39
Leckie, Samuel	Rosedale Station	407	26- 1-40
Larson, Tony	Edberg	33	25- 7-41
Lidgett Joseph L.	Mercoal	60	20- 7-43
Musgrove, William	Canmore	9	23- 8-00
Mattson, Matt	Frank	34	5-12-04
*Morris, David	Edmonton	45	24- 2-08
Machin, J. C.	Strathcona	46	26- 2-08
Moore, Thomas E.	Drumheller	56	11- 1-09
Mather, Thomas	Luscar	96	8-12-09
Morgan, Owen	Saunders	143	3- 7-11
Munro, William K.	Lille	150	4- 7-11
Muir, David	Edmonton	151	8- 7-11
Miller, Walter	Edmonton	159	25- 8-11
Moore, James H.	Coleman	167	17-11-11
Massey, Harry	Michel, B.C.	172	17-11-11
Murray, John	Lille	174	17-11-11
Mason, Samuel	Taber	187	6-12-11
Morrison, Malcolm	Midlandvale	189	30-12-11
Melling, Peter	Coalhurst	208	26-10-12
Mackie, John	Hillcrest	221	25-11-12
Mackin John W.	Coleman	240	31- 7-13
Muir, Alexander	Hardieville	12	10- 3-14
Miller, Joseph	Stafford Village	14	10- 4-14
Muir, Robert	Bankhead	21	23- 3-14
Murray, David	Hillcrest	35	26- 5-14
Mather, John	Edmonton	45	26-10-14
Muir, James	Bankhead	57	5-12-14
Marsh, Ernest	Wayne	61	5-12-14
Morgan, William J.	Luscar	64	11-12-14
Martin, William H.	Brule	69	28- 1-15
Marsh, John H.	Lethbridge	75	20- 3-15
*Mallabone, Ernest	Canmore	105	7- 7-16
Miller, David L.	Taber	114	10- 7-16
Millar, Peter P.	Drumheller	127	26- 7-16
*Martin, Richard	Taber	135	25- 9-16
Maddison, Wm.	Mountain Park	136	25- 9-16
Mitchell, John	Evansburg	143	27- 2-17
Morgan, Robert M.	Coleman	160	10- 7-17
*Morse A. T.	Morse	172	17- 7-17

List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Michayluck, John G.	Luscar	184	25- 7-17
Marsh, William	Drumheller	230	8- 6-18
Mathewson, James	Nevis	236	22- 6-18
Mossey, Thomas M.	Lethbridge	237	5- 7-18
Miller, James	Aerial	266	26- 6-19
Miller, John R.	Aerial	293	20-11-19
Monkton, William	Rosedale	322	26- 7-20
Miller, Joseph Jr.	Lethbridge	326	26- 7-20
Milnes, John	Bellevue	334	26- 7-20
Melling, Joseph	Coalhurst	335	26- 7-20
Maddison, John	Hillcrest	354	26- 7-20
Melvin, J. L.	Lethbridge	371	28-12-20
Meyers, August	Grande Prairie	406	1- 8-21
Minue, Graydon B.	Nordegg	410	1- 8-21
Mitchell, Archie	Luscar	412	1- 8-21
Metcalf, Joseph W.	Coalhurst	498	1-11-22
Mossey, Robert	Frank	507	17- 5-23
Macri, D.	Cadomin	518	17- 8-23
Martin, David	Blairmore	527	17- 8-23
Miller, William	Drumheller	535	17- 8-23
Marsh, Walter	Kellog, Idaho	538	17- 8-23
*Martin, Henry Sr.	Saunders	549	15- 9-23
Mitchell, Hugh J.	Foothills	569	24- 7-24
Muir, Alexander	Coleman	593	20- 7-25
Mackie, James	Big Valley	608	25- 7-25
Millar, David	Mercoal	627	26- 7-26
Mackie, William	Drumheller	645	1- 8-27
Metcalfe, Joseph W.	Drumheller	666	16- 1-28
Musgrove, Henry B.	Canmore	674	19- 7-28
Muncy, Howard C.	Foreman	693	16- 8-28
Mayon, Daniel	Drumheller	707	20- 3-29
Millar, C. C.	Bellevue	714	7- 6-29
Morris, David	Bellevue	720	7- 6-29
Mossom, John	Drumheller	734	17- 6-29
Meek, Fred G.	Heisler	737	17- 6-29
Morris, Wm.	Edmonton	744	12- 7-29
Morris, Robert S.	Aerial	745	12- 7-29
Marsh, Wm. J.	Midlandvale	776	10- 6-30
May, John	Beverly	786	14- 6-30
Mathieson, David	Edmonton	789	14- 6-30
Muir, Thomas	Coalhurst	800	18-10-30
Morgan, Ernest	Blairmore	15	13- 7-31
Madsen, S.	Luscar	39	26- 7-31
Marsh, John	Coalhurst	51	6- 1-32
*Mitchell, Chas. G.	Pincher Creek	82	24- 8-32
Marsh, Walter	Coleman	84	24- 8-32
Mitchinson, Arthur	Donalda	88	23- 9-32
Molyneux, Thomas	Aerial	102	10- 6-33
Molzani, Henry	East Coulee	111	15- 6-33
Muir, James	Edmonton	137	28-12-33
Morse, William J.	Hanna	156	12- 6-34
Mitchell, William	Dimsdale	174	27- 8-34
Morel, Marcel	Ghost Pine Creek	180	25- 9-34
Menzies, Wm.	Drumheller	212	10- 8-35
Miller, Douglas	Edmonton	236	4- 7-36
Marshall, Robert	Leduc	255	11- 6-37
Marshall, Chas. H.	Leduc	256	11- 6-37
Mitchell, Thomas	Coleman	257	23- 6-37
Muir, George	Edmonton	265	13- 7-37
Marsh, Walter W.	Delburne	279	12-11-37
Mills, Jonathan J.	Rosalind	283	22- 4-38
Miskow, Michael J.	Canmore	284	7- 6-38
Morkwia, Victor Jr.	Canmore	285	7- 6-38
Morris, Robert L.	Coleman	294	10- 6-38
Murphy, Peter J. Jr.	Drumheller	325	15- 8-28
Moran, James Jr.	Edmonton	342	10-12-38
Melson, Philip	East Coulee	359	8- 6-39
Marconi, John	Coleman	363	22- 6-39
Marshall, Albert C.	Delia	365	22- 6-39
Mitchell, David	Luscar	380	4- 7-39
Martin Bert W.	Alexo	385	25- 7-39
Madsen, Soren	Mountain Park	406	30-11-39
Mitchell, Robert A.	Luscar	10	4- 9-40
Mather, John H.	Namoo	13	29-10-40
Mitchinson, Thomas	Donalda	18	11- 7-41
Marconi, Gordon	Coleman	22	12- 7-41
Marasco, Frank	Nordegg	23	15- 7-41
Morrison, Neil	Mercoal	26	15- 7-41
Merrington, Robert H.	Riley	31	25- 7-41
Mullinger, William H.	Three Hills	35	20- 8-41
Martin, William H.	Rosevear	53	4-12-42
McKay, John J.	Lethbridge	5	19-11-98
McKinnon, H. G.	Canmore	36	5-12-04
McGregor, Alex.	Cardiff	41	16- 1-05
McCulloch, Alex.	Cadomin	43	18- 4-05

List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
McDonald, J. A.	Blairmore	44	18- 4-05
McVey, William	Frank	39	10- 1-08
McLeary, Stewart	Lethbridge	58	12- 1-09
McMillan, William D.	Coleman	72	25- 2-09
McKinnon, A. J.	Canmore	62	29- 1-09
McLenhan, John A.	Lovett	51	8- 6-08
McGarry, Martin	Michel, B.C.	59	19- 1-09
McDonald, James A.	Lille	91	29-11-09
McMillan, Donald	Coleman	107	31- 5-10
McDonald, Duncan	Drumheller	112	2- 6-10
*McDonald, Hector	Coleman	115	3- 6-10
McDonald, William C.	Lethbridge	122	16- 7-10
McDevitt, James J.	Cadomin	129	22-12-10
McGladrie, John	Lille	152	8- 7-11
McMullin, Joseph	Hillcrest	171	17-11-11
McGough, Joseph P.	Bellevue	219	18-11-12
McDonald, James O. C.	Coleman	225	25-11-12
McDonald, Noble M.	Bellevue	5	28-11-13
McGowan, James K.	Lethbridge	13	10- 3-14
McLeod, John A.	Cadomin	74	8- 3-15
McLellan, John A.	Mercoal	77	8- 5-15
McIlveen, William	Lovettville	80	19- 8-15
McAndrew, Robert	Clover Bar	81	19- 8-15
McAndrew, John	Calgary	83	19- 8-15
McKean, George J.	Bellevue	121	10- 7-16
McLean, William	Mountain Park	122	10- 7-16
McQueen, Andrew	Edmonton	124	19- 7-16
McMillan, Daniel	Drumheller	149	7- 7-17
McDonald, John H.	Nanaimo, B.C.	164	10- 7-17
McKinnon, John L.	Coleman	189	4- 9-17
McAndrew, Robert	Clover Bar (duplicate)	196	3- 4-18
McDonald, George	Drumheller	212	1- 6-18
MacKay, William J. K.	Ontario	240	28- 1-19
McDicken, James	Coleman	251	26- 6-19
McFegan, Robert	Michel, B.C.	255	26- 6-19
MacPherson, John M.	Coalhurst	257	26- 6-19
McQueen, George	Nordeg	270	26- 6-19
McDade, John	Drumheller	290	8-11-19
McGowan, William	Lethbridge	317	26- 7-20
McKinnie, John	Drumheller	369	26- 7-20
McKenna, Harry	Pocahontas	376	17- 6-21
McAskill, Alexander	Drumheller	380	1- 8-21
McGaw, A. M. S.	Carmangay	398	1- 8-21
McGregor, Thomas B.	Lethbridge	417	1- 8-21
McNab, Murdoch	Coalhurst	419	1- 8-21
McLeod, Gordon J.	Mountain Park	422	1- 8-21
McGladne, Andrew	Lethbridge	423	1- 8-21
MacDonald, William	Drumheller	431	29- 8-21
McCubrey, James	Drumheller	458	31- 7-22
McGuire, George	Dinant	466	31- 7-22
McGuire, James S.	Dinant	467	31- 7-22
MacLeod, Roderick	Coleman	470	31- 7-22
McEachern, Malcolm	Wayne	531	17- 8-23
McLennan, George A.	Drumheller	534	17- 8-23
MacNeil, James	Cadomin	537	17- 8-23
McLeod, Allan	Rosedale	543	1- 9-23
McLafferty, P.	Bellevue	551	1-11-23
McLeod, John R.	Bellevue	591	27- 5-25
McAllister, David	Mountain Park	613	1- 8-25
McKinnon, Alexander	Coleman	632	30- 7-26
McCulloch, Johnston	Coleman	642	30- 7-26
McDonald, Thomas	Rosedale	653	12- 8-27
McFegan, Alex.	Drumheller	661	10- 9-27
*McCormack, A. D.	Castor	675	19- 7-28
Macaulay, John C.	Coalhurst	678	19- 7-28
MacDonald, Clyde P.	Bellevue	685	1- 8-28
McDonald, James W.	Mountain Park	709	1- 5-29
MacDonald, Leslie	Bellevue	713	7- 6-29
MacLeod, Lloyd	Coalhurst	725	7- 6-29
MacAllister-Thompson, D. S. B.	Rosedale	735	17- 6-29
McNab, Duncan	Lethbridge	739	17- 6-29
McAndrew, John Jr.	Blairmore	769	4- 6-30
McDonald, William	Bellevue	777	10- 6-30
McCutcheon, Jas. A.	Midlandvale	803	18-10-30
McMurdo, Thomas	East Coulee	18	13- 7-31
McLeod, Arthur	Drumheller	50	22-10-31
McGowan, John	Drumheller	57	2- 6-32
McKinley, James	Huxley	72	25- 6-32
McColl, Alexander	Lethbridge	109	15- 6-33
McMillan, William	Rosebud	168	26- 7-34
McKinlay, James	Perbeck (duplicate)	224	3- 6-36
McDonald, Wm. I.	Drumheller	235	22- 6-36
MacDonald, George G.	Beverly	242	14- 1-37
McGregor, Alexander	Lethbridge	271	26- 7-37
MacKenzie, John	East Coulee	299	13- 6-38

List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
McMullen, Sidney G.	Drumheller	311	22- 6-38
McIntyre, Arnold J.	Mercoal	331	7- 9-38
McLaren, Fred	Dinant	341	14-11-38
McCulloch, Archibald	Coleman	349	8- 6-39
MacQuarrie, Hector	Drinnan	364	22- 6-39
McLaughlin, Michael	Luscar	403	30-10-39
McMillan, Alexander	Rosebud	34	28- 7-41
McNeil, Thomas	Mountain Park	36	4- 3-42
McDonald, Kenneth L.	Bellevue	40	17- 7-42
McIsaac, John D.	Burmis	45	17- 7-42
McLafferty, Daniel	Bellevue	50	26- 7-42
McGladrie, Robert I.	Nevis	63	24- 7-43
McMillan, James	Mountain Park	66	11- 8-43
Nelson, Horatio	Lundbreck	11	3- 1-07
Nanson, Thomas H.	Bellevue	15	3- 1-07
*Nicol, James	Frank	34	26-12-07
Nicol, George	Nacmine	27	21- 4-14
Nugent, Bernard	Camrose	133	30- 8-16
North, Walter	Blairmore	204	18- 4-18
Nelson, Walter W.	Coleman	462	31- 7-22
Nicholson, Peter	Cadomin	472	31- 7-22
Niskanen, Herman	Canmore	671	19- 7-28
Nisbet George	Beverly	759	4- 6-30
Negrello, Mike	Coalhurst	7	13- 7-31
Naegeli, Otto	Midlandvale	54	26- 2-32
Novak, Mike	Milk River	56	4- 5-32
Norman, John	Beverly	136	31-10-33
Nielsen, Nils P.	Carbondale	223	3- 6-36
Nelson, John B. H.	Dinant	335	19- 9-38
Nelson, John	Rosedale Station	356	8- 6-39
Niblett, Ronald J.	Rosedale	41	17- 7-42
Oliphant, J. H.	Carbon	26	17- 5-07
Oliphant, John	Medicine Hat	79	16- 7-09
O'Donnell, Thomas	Rosedale	139	17- 3-11
Ottewell, William J.	Clover Bar	245	31- 7-13
Oakes, Robert	Blairmore	104	16- 6-16
Oakley, John	Edmonton	115	10- 7-16
Oliver, B.	Magrath	342	26- 7-20
Owen, Thomas	Michel, B.C.	442	10- 3-22
Ostler, James	Taber	445	22- 5-22
Oldham, Albert	Luscar	579	11- 8-24
Oliver, Edward	Taber	584	14-11-24
Ottewell, Cedric P.	Clover Bar	620	21-11-25
O'Neill, Michael	Nordeg	748	9- 8-29
Ordge, John	Donalda	80	25- 7-32
Owens, John	Midlandvale	177	4- 9-34
Oswald, Joseph	Drumheller	178	10- 9-34
O'Brien Anthony	Gadsby	244	10- 3-37
Oxbury, John	Beynon	327	26- 8-38
*Phillips, Chas.	Frank	14	30-12-02
Prentice, John	Virginia, U.S.A.	67	1- 2-09
Powell, Albert E.	Lundbreck	71	4- 2-09
Picton, William	Frank	78	8- 7-09
Pounder, George	Pincher Creek	84	22- 9-09
Parker, Levi	Cardiff	100	18- 1-10
Pickering, G.	Taber	104	25- 2-10
Parry, Thomas	Hillcrest	119	21- 6-10
Park, Stewart G.	Lethbridge	121	26- 6-10
Patterson, John	Hillcrest	126	17-12-10
Picton, Daniel	Aerial	178	23-11-11
Park, William	Lethbridge	194	13- 7-12
Parkes, John T.	Lethbridge	236	31- 7-13
Park, Alex. C.	Lethbridge	25	8- 4-14
Porteous, Alexander	Hillcrest	36	26- 5-14
Purdy, Stearns J.	Lundbreck	37	28- 5-14
Parker, Joseph	Drumheller	47	25-11-14
Puckett, Owen L.	Robb	53	27-11-14
*Pavier, Evan	Coleman	91	27- 8-15
Price, Alfred	Montana, U.S.A.	103	4- 1-16
Pitt, Arthur J.	Coleman	108	10- 7-16
Phillips, David	Commerce	110	10- 7-16
Price, John	Mountain Park	116	10- 7-16
Pratt, Philip	Lovettville	117	10- 7-16
Paterson, Patrick	Evansburg	139	3-10-16
Padgett, Albert	Bellevue	177	17- 7-17
Poole, Alexander	Drumheller	241	16- 5-19
Prescott, William	Hillcrest	249	26- 6-19
Painter J. A.	Mountain Park	361	26- 7-20
Parkinson, Harry	Coleman	465	31- 7-22
Pearson, Francis	Hillcrest	468	31- 7-22
Phipps, Mathew J.	Mountain Park	494	1- 9-22
Price, John	Mountain Park	497	1-11-22
Patterson, William	Blairmore	515	17- 8-23
Parry, Robert	Coleman	546	15- 9-23
Poxon, Wilfred	Carbon	555	15-11-23

List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Peters, Frederick C.	Wayne	582	25- 9-24
Price, Richard	Hillcrest	590	21- 4-25
Pickard, Joseph	Edmonton	592	20- 7-25
Perry, James E.	Beynon	612	25- 7-25
Powell, John E.	Newcastle Mine P.O.	700	22- 8-28
Piper, John J.	Canmore	716	7- 6-29
Paton, George	Delburne	727	7- 6-29
Phillips W. J.	Saunders	733	17- 6-29
Page, Joseph	Drumheller	741	19- 6-29
Peters, Wm. E.	Blairmore	762	4- 6-30
Park, Angus	Edmonton	773	4- 6-30
Patterson, S. E.	Blairmore	778	10- 6-30
Pascoe, Thomas	Mountain Park	796	14- 7-30
Potter, Harry	Drumheller	797	8- 8-30
Price, Stanley R.	Blairmore	9	13- 7-31
Pettigrew, Robert	Coleman	20	13- 7-31
Phillips, W. T.	Castor	99	10- 6-33
Popovich, Mike	Champion	112	3- 7-33
Pike, Sidney G.	Drumheller	119	24- 7-33
Phillips, Alfred J.	Coleman	146	5- 6-34
*Poholka, Steve	Edmonton	149	9- 6-34
Perini, John	Lethbridge	153	9- 6-34
Parker, Jack	Cardiff	165	27- 6-34
Potter, I. N.	Nacmine	167	26- 7-34
Perini Angelo	Granlea	194	10- 6-35
Price, Wm. T.	Edmonton	195	14- 6-35
Peta, Julius	Hardieville	225	4- 6-36
Purdy, Denzil	Lundbreck	237	4- 7-36
Passoli, E. L.	Vulcan	314	4- 7-38
Parry, Joseph	Mercoal	316	8- 7-38
Parobchak, F.	Carbondale	353	8- 6-39
Plesuk, William	Beverly	357	8- 6-39
Price, John C.	Coleman	377	4- 7-39
Quigley, Daniel H.	Drumheller	157	14- 7-11
Queen, Andrew M.	Lethbridge	228	26-12-12
Quin, James	East Coolee	66	25- 6-32
Rice, Awrey	Edmonton	48	18- 4-05
Rawson, Thomas S.	Frank	1	20-12-05
Rose, Walter	Lundbreck	54	25- 8-08
Roberts, William	Strathcona	95	3-12-09
Robinson, John H.	Hillcrest	106	31- 5-10
Rowbotham, William H.	British Columbia	116	6- 6-10
Roberts E.	Rosedale	118	20- 6-10
Richardson, Alfred	Lethbridge	125	17-12-10
Richards, George	Coleman	137	31-12-10
Roberts, John	Cadomin	140	6- 4-11
Reid, James	Canmore	158	24- 7-11
Richards, Evan	Edmonton	162	17-11-11
Richards, Samuel	Bellevue	175	17-11-11
Rawlinson, Rowland	Cadomin	182	28-11-11
Rayner, Frederick	Frank	188	8-12-11
Radford, James	Bellevue	200	22- 7-12
Rae, John	Coleman	242	31- 7-13
Rankin, William	Hosmer, BC.	4	28-11-13
Rebar, Mike	Hardieville	19	18- 3-14
Rees, Daniel	Bellevue	56	27-11-14
Russell, Arthur	Standard	59	5-12-14
Russell, John	Ardley	67	20- 1-15
Rees, Gomer	Beverly	96	12-10-15
Robinson, Edward	Chilliwack, B.C.	101	28-10-15
Roberts David O.	Cardiff	106	7- 7-16
Robert, David C.	Coleman	113	10- 7-16
Randall, David	Coleman	191	10-10-17
Reid, Edward	Drumheller	206	1- 6-18
Redpath, James	Wayne	208	1- 6-18
Reid, Samuel	Brule	211	1- 6-18
*Richards, Edward	Drumheller	271	26- 6-19
Rollingson, John	Lethbridge	280	26- 6-19
Ruscoe, Richard	Halkirk	282	26- 6-19
Roberts, Evan	Wayne	318	26- 7-20
Royle, Edward	Blairmore	323	26- 7-20
Robertson, W. H.	Coalhurst	333	26- 7-20
Rappel, Thomas	Canmore	337	26- 7-20
Rappel, A. J.	Calgary	355	26- 7-20
Richards, John C.	Coleman	386	1- 8-21
Richards, Thomas	Wayne	392	1- 8-21
Rees, William H.	Lethbridge	435	29- 8-21
Rowley, Arthur	Calgary	455	31- 7-22
Ridgeway Leonard J.	Coalhurst	457	31- 7-22
Roberts, Robert	Wayne	464	31- 7-22
Richards, Harold	Hillcrest	484	1- 8-22
Roberts, Lemuel	Wayne	488	1- 8-22
Richards, M. C. Russell	Blairmore	509	17- 5-23
Rutherford, Leslie D.	Saunders West	565	6- 5-24
Rutherford, Wilson	Drumheller	583	30-10-24

List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Roome, Richard	Mountain Park	588	24- 1-25
Rhodes, William B.	Lundbreck	625	26- 7-26
Robertson, Alexander	Lethbridge	633	30- 7-26
Ramage, John	Coalhurst	648	12- 8-27
Ray, William J.	Hillcrest	669	22- 4-29
Rees, Ernest	Hillcrest	686	1- 8-28
Rochester, John J.	Carbon	689	1- 8-28
Rolfe, Emrys	British Columbia	691	16- 8-28
Russell, William C.	Drumheller	705	24-11-28
Rear, Albert E.	Corbin, B.C.	728	7- 6-29
Reid, Wm. P.	Lethbridge	732	17- 6-29
Radford, J. H.	Heisler	738	17- 6-29
Rogers, Benjamin	Canmore	753	5-11-29
Reed, John C.	Edmonton	779	10- 6-30
Raisbeck, A. B.	East Coulee	785	10- 6-30
Reynolds, Horace C.	Canmore	11	13- 7-31
Roberts, Simon	Cadomin	21	13- 7-31
Radocy, Isaac C.	Aerial	23	13- 7-31
Ratcliffe, Thomas	Drumheller	24	13- 7-31
Robertson, Duncan	Drumheller	47	26- 7-31
Russell, Robert	Alix	69	25- 6-32
Rees, Sandford	Mountain Park	81	28- 7-32
Rhodes, George	Champion	96	10- 6-33
Rees, Edward D.	Bellevue	105	15- 6-33
Raeder, William	Elkwater	110	15- 6-33
Ross, A. W.	Delia	124	29- 7-33
Rozzolini, Albert	Raymond	126	29- 7-33
Radford, James T.	Bellevue	132	15- 9-33
Richards, Lorenzo	Coleman	142	5- 6-34
Riordan, Leo	Drumheller	173	13- 8-34
Ruffee, Harry G.	Nacmine	204	9- 7-35
Richardson, E. H.	East Coulee	205	17- 7-35
Raisbeck, Robt. M.	Drumheller	213	12- 8-35
Raisbeck, James	East Coulee	215	29- 8-35
Rota, Steve	Champion	219	29- 8-35
Rebar, George	Lethbridge	229	22- 6-36
Roberts, Horace	Drumheller	251	11- 6-37
Rees, Daniel	East Coulee	273	27- 8-37
Richards, Lorenzo C.	Coleman	286	7- 6-38
Riva, Joseph	Canmore	288	8- 6-38
Remillard, Omer V.	Castor	304	22- 6-38
Raisbeck, Luke	East Coulee	330	7- 9-38
Ryning, James W.	Rowley	383	4- 7-39
Reissig, Erich	Willow Creek	388	12- 8-39
Robbins, John	Drumheller	390	17- 8-39
Richardson, John	Canmore	393	1- 9-39
Reynolds, Arthur E. V.	Mercoal	404	10-11-39
Roberts, William	Rosedale	11	4- 9-40
Richards, Clifford	Hillcrest	17	11- 7-41
Roome, Herbert	Mountain Park	44	17- 7-42
Rae, Alex.	Blairmore	47	18- 7-42
Roome, John	Mountain Park	49	26- 7-42
Scott, Robert	Lethbridge	6	19-12-98
*Scott, Hugh	Lethbridge	8	5- 6-99
Sedlock, Joseph	Canmore	22	25- 6-03
Smith, Robert	Canmore	32	5-12-04
Smith, Hugh	Bellevue	35	5-12-04
Stott, John	Lethbridge	38	23-12-04
Spencer, W. J.	Bankhead	51	6- 7-05
Salmond, James M.	Bankhead	6	20-12-05
Sparrow, Edwin	Tawatinaw	2	20-12-05
Smith, Ralph	Canmore	3	30- 5-06
Singleton, Robert	Lundbreck	47	29- 5-08
Schmidt O. P.	Edmonton	44	1- 2-08
Sihvon, William	East Coulee	27	17- 5-07
Scott, Andrew N.	Luscar	28	23- 5-07
Smith, A. J. P.	Calgary	103	21- 2-10
Shaw, Thomas J.	Hinton	113	3- 6-10
Scott, Alexander	Pocahontas	185	28-11-11
Sheratt, Owen Sr.	Coleman	199	13- 7-12
Smith, Thomas	Hillcrest	216	1-11-12
Stobbs, Joseph	Diamond City	217	5-11-12
Shaw, Eli	Canmore	229	30- 4-13
Stephenson, Thomas	Bellevue	230	7- 4-13
Stott, John	Lethbridge (duplicate)	231	7- 4-13
Stephenson, Joseph	Commerce	232	30- 4-13
Sandino, Joseph	Drumheller	238	31- 7-13
Steele, John W.	Lethbridge	17	16- 3-14
Severns, Matthew	Edmonton	42	8- 9-14
Spencer, Murray A.	Brule	43	18- 9-14
Snarey, George	Beynon	62	5-12-14
Sinclair, James	Drumheller	68	22- 1-15
Smith, John	Blairmore	94	1- 9-15
Smith, T. Edwin	Montana, U.S.A.	130	26- 7-16

List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Strickland, William	Exansburg	145	5- 7-17
Stratton, James M.	Taber	181	25- 7-17
Shaw, Tom	Bellevue	202	18- 4-18
Sorro, Christopher	Blairmore	203	18- 4-18
Steen, Herman	Hanna	277	26- 6-19
*Scott, Frederick G.	Nordegg	287	2- 9-19
*Sippell, Joseph	Drumheller	295	1-12-19
Stewart, James	Lethbridge	305	26- 7-20
Smith, Thomas	Coleman	307	26- 7-20
Saunt, James	Drumheller	309	26- 7-20
Steele, Francis M.	Calgary	319	26- 7-20
Stratton, A. T.	Medicine Hat	351	26- 7-20
Serrie, John	Taber	353	26- 7-20
*Sutherland, E. S.	Beverly	395	1- 8-21
Scott, Robert	Nordegg	399	1- 8-21
Shaw, William G.	Kimberley	409	1- 8-21
Shaw, Joseph H.	Kimberley	416	1- 8-21
Shaw, John H.	Nordegg	426	1- 8-21
Stene, David	Edmonton	430	29- 8-21
Strachan, John	Fernie, B.C.	437	29- 8-21
Sneddon, Thomas	Taber	444	3- 4-22
Shepperd, Geo. E.	Wayne	477	1- 8-22
Speaker, Pete A.	Calgary	489	1- 9-22
Smith, Andrew A.	Drumheller	522	17- 8-23
Shevels, John	Bellevue	523	17- 8-23
Smith, Sidney L.	Drumheller	552	1-11-23
*Studholme, John H.	Dinant	559	18-12-23
Simmons, Efner W.	Forestburg	611	25- 7-25
Stanley, Henry	Nacmine	615	1- 8-25
Severns, Matthew	Valier, Mont. (duplicate)	621	11- 5-26
Steward, Frederick G.	Drumheller	624	26- 7-26
Shearer, Peter	Cadomin	640	22- 9-26
Smith, Terence	Edmonton	646	1- 8-27
Stewart, George W.	Nordegg	667	16- 1-28
Shandruk, Henry K.	Edmonton	695	16- 8-28
Steven, Robert	Banff	701	22- 8-28
Smith, Peter	Coleman	718	7- 6-29
Scott, J. D.	Rosedale	722	7- 6-29
Snow, Percy E.	Lethbridge	729	7- 6-29
Strang, David	Mountain Park	746	23- 7-29
Shearer, J. C.	Rosedale	749	9- 8-29
Sherwood, Henry R.	Canmore	751	8- 8-29
Stevenson, Robert	Drumheller	757	25- 2-30
Smillie, Walter	Evansburg	772	4- 6-30
Sutherland, S. R.	Bellevue	782	10- 6-30
Sinoski, Mike	Edmonton	791	14- 6-30
Stewart, R. E.	Shaughnessy	802	18-10-30
Stene, Alexander	Cadomin	10	13- 7-31
Etanko, Martin	Drumheller	13	13- 7-31
Smith, John A.	Cadomin	31	13- 7-31
Simons B. C.	Bellevue	36	26- 7-31
Saunders, Herbert A.	Cardiff	76	2- 7-32
Sward, Henry	Rose Lynn	104	10- 6-33
Schlender, Otto	Trochu	118	6- 7-33
Smillie, John	Drinnan	152	9- 6-34
Sprela, Martin	Willow Creek	163	19- 6-34
Schneider, Nick	Dimsdale	197	28- 6-35
Streich, Paul	Ardley	202	8- 7-35
Simpson, Frank	Nacmine	206	22- 7-35
Smith, James	Wayne	211	10- 8-35
Stevenson, Morris	Drumheller	218	25- 9-35
Shaw, Robert	Coleman	226	22- 6-36
Sinoski, Steve	Edmonton	252	11- 6-37
Sarsfield, William	East Coulee	273	27- 8-37
Stewart, Jas. M. Jr.	Nordegg	281	7- 3-38
Sheridan, Daniel	Lacombe	296	11- 6-38
Simpson, Edward	Edmonton	300	22- 6-38
Schymizek, John	Bright Bank	302	22- 6-38
Swan Harry	Priddis	307	22- 6-38
Sirko, Tibor	Rosedale Station	319	21- 7-38
Stratton, Andrew T.	Redcliff (duplicate)	329	7- 9-38
Smith, Harry	Drumheller	338	21-10-38
Scarpino, Eugene M.	Rosedale	389	14- 8-39
Swanston, Matthew	East Coulee	392	1- 9-39
Smith, Charles E.	Rosebud	396	12- 9-39
Steen, Alf C.	Rosedale Station	398	16- 9-39
Samis, Kenneth E.	Namao	402	18-10-39
Schnept, Karl J.	Rosebud	6	3- 8-40
Smith, James	Nordegg	9	3- 8-40
Stait, Albert E.	Trochu	56	20- 7-43
Semeniuk, Steve	Shaughnessy	58	20- 7-43
Taylor, William	Lethbridge	10	16- 4-01
Turner, Samuel H.	Frank	21	25- 6-03
*Thomas David	Bankhead	31	5-12-04
Tonge, Thomas	Lundbreck	5	30- 5-06

List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Thompson, Thos.	Lundbreck	16	3- 1-07
*Teppo, Herman	Bellevue	19	3- 1-07
Turner, Samuel H.	Frank (duplicate)	22	8- 5-07
*Taylor, Thos.	Lundbreck	30	23- 5-07
Thomas, John J.	Frank	74	21- 4-09
Thompson, Thos.	Coleman	93	29-11-09
*Thomas, Jos. D.	Nacmine	81	25- 8-09
Thomson, Thomas W.	Bankhead	161	17-11-11
Thompson, Joseph	Coleman	165	17-11-11
Thomas, Isaac	Coleman	204	27- 7-12
Tully, Thomas	Fernie, B.C.	215	1-11-12
Turner, William	Hillcrest	244	31- 7-13
Thomas, John B.	Edmonton	46	19-11-14
Thomson, Roger A.	Lovettville	66	22-12-14
Thomson, David	Lovettville	82	19- 8-15
Tennant, Robert	Drumheller	84	19- 8-15
*Troman, Samuel	Lethbridge	87	26- 8-15
Turner, Leonard	Nordegg	125	19- 7-16
*Thom, George	Pocahontas	142	12-12-16
Tennant, John	Lethbridge	165	10- 7-17
Terris, Andrew	Nordegg	170	17- 7-17
Tennant, William G.	Lethbridge	228	8- 6-18
Tisdale, James R.	Winnipeg	231	8- 6-18
Thomason, Charles	Blairmore	234	14- 6-18
Talbot, William	Drumheller	235	22- 6-18
Thomson, James	Beverly	425	1- 8-21
Thomson, George H.	Lethbridge	433	29- 8-21
Thompson, Andrew	Aerial	267	26- 6-19
Thackray, Fred	Lethbridge	281	26- 6-19
Travis, Joseph	Bankhead	303	26- 7-20
*Terris, Chapen	Saunders	429	1- 8-21
Thornhill, John E.	Coalhurst	482	1- 8-22
Tannucci, Joseph	Brule	485	1- 8-22
Tilley, John C.	Bellevue	511	30- 6-23
Taylor, William	Midlandvale	514	17- 8-23
Turner, William H.	Blairmore	525	17- 8-23
Tucker, John M.	Entwistle	528	17- 8-23
Talbot, Walter J.	Clover Bar	533	17- 8-23
Trentham, Harry	Ghost Pine	536	17- 8-23
Teasdale, J. R. W.	Drumheller	540	1- 9-23
Tyldsley, Albert	Beverly	545	1- 9-23
Thomson, Walter	Clover Bar	628	26- 7-26
Taylor, John	Drumheller	649	1- 8-27
Tompkins, David F. R.	Foothills	659	1- 9-27
Thomson, William	Edmonton	683	1- 8-28
Thomas, Edward J.	Drumheller	706	24-11-28
Thomson, John	Edmonton	758	4- 6-30
Thirlwell, Wm.	Robb	4	20- 2-31
Tyrer, Edward	Lethbridge	5	13- 7-31
Thomas, William	Luscar	38	26- 7-31
Thomas, David S.	Midlandvale	55	21- 3-32
Tyrer, Harold	Lethbridge	70	25- 6-32
Taylor, Robert	Calgary	85	24- 8-32
Tonge, Reginald	Blairmore	90	30- 9-32
Thomson, Alexander	Edmonton	141	5- 6-34
Taylor, Edward	Groton	154	9- 6-34
Tiffin, Richard	Coleman	188	10- 6-35
Thomas, David R.	Ryley	241	6-11-36
Tiberghiem, A. J.	Coleman	264	23- 6-37
Turner, William A.	Halcourt	262	23- 6-37
Thompson, John W.	Drumheller	274	1- 9-37
Treventhin, Mark	Wayne	305	22- 6-38
Tennant, James	Mountain Park	358	8- 6-39
Thomson, John D.	Drinnan	360	8- 6-39
Thomas, David R.	Luscar	379	4- 7-39
Tinsley, Albert J.	Rosedale Station	381	4- 7-39
Tiberg, Alrik N.	Blairmore	38	17- 7-42
Topak, Peter	Coleman	55	14- 7-43
Utey, Frederick W.	Bellevue	250	26- 6-19
Unsworth, Robert J.	Scapa	704	24-11-28
Urwin, Henry	Canmore	123	29- 7-33
Unsworth, George	Scapa	399	12-10-39
Vola, Serafino	Canmore	63	1- 2-09
Vaselenak, Michael P.	Lethbridge	159	10- 7-17
Vickers, William A.	Taber	443	10- 3-22
Villard, Henry	Wayne	450	31- 7-22
Vannucci, Luigi	Brule	629	26- 7-26
Vining, Samuel	Luscar	635	30- 7-26
Vivvurka, John	Mercoal	44	26- 7-31
Van Schoorl, August	Coleman	228	22- 6-36
Valentini, Marcelli	Bow Island	309	22- 6-38
Vitaly, Mike L.	Namao	351	8- 6-39
Vanbesien, Jules	Champion	366	22- 6-39
Van Duncombe, Walter	Taber	394	12- 9-39

List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Watkins, W. E.	Champion	1	14-11-98
Wilson John	Canmore	2	15-11-98
Watkins, John W.	Canmore	3	15-11-98
Waite, Archibald	Taber	11	6- 7-03
Wilson, Wm. Geo.	Coleman	3	20-12-05
Watters, John	Bankhead	5	20-12-05
Webb, Jas. E.	Canmore	42	8- 4-05
Welsh, Wm. R.	Lundbreck	9	3- 1-07
*Wright, John S.	Canmore	12	3- 1-07
Wrigley, Walter	Cadomin	37	10- 1-08
Willmott, William	Canmore	38	10- 1-08
Watters, A. G.	Banff	49	29- 5-08
Weston, Thomas	Edmonton	73	7- 4-09
White, Harry	Hillcrest	90	29-11-09
Williams, Walter E.	Edmonton	213	31-10-12
Williams, John J.	Edmonton	223	25-11-12
Whitefield, Isaac	Coalhurst	15	10- 3-14
Williams, John T.	Bellevue	33	23- 5-14
Wesledge, William	Nanaimo, B.C.	58	5-12-14
Wardrop James	Canmore	72	16- 2-15
Worthington, Thomas	Lethbridge	92	1- 9-15
Wallwork, William	Taber	118	10- 7-16
Watkins, James M.	Taber	128	26- 7-16
Williams, Albert	Edmonton	138	25- 9-16
Wilcox, William J.	Edson	140	11-11-16
Willetts, Frederick	Lethbridge	162	10- 7-17
Wilson, Alexander	Midlandvale	169	17- 7-17
Wolstoncroft, Robert	Commerce	175	17- 7-17
Watson, Adam G.	Calgary	215	1- 6-18
Wheatcroft, Fred Jr.	Drumheller	225	8- 6-18
White, John M.	Lethbridge	233	14- 6-18
Warren, Michael	Edmonton	304	26- 7-20
Womersley, Alfred	Redcliff	316	26- 7-20
Wright, S. P. T.	Coalhurst	336	26- 7-20
Walker, H. M.	Bellevue	368	26- 7-20
Watson, James	Edmonton	378	1- 8-21
Woolett, Charles	Edmonton	379	1- 8-21
Walker Charles C.	Wayne	385	1- 8-21
White, William	Hillcrest	388	1- 8-21
White, Alfred	Hillcrest	389	1- 8-21
Wheatcroft, George L.	Wayne	394	1- 8-21
Wilkie, John	Sheerness	405	1- 8-21
White, Robert	Nordeg	411	1- 8-21
White, William	Coleman	427	1- 8-21
Whyte, William	Lethbridge	446	16- 6-22
Williamson, John B.	Cadomin	473	31- 7-22
Wood, Matthew	Bellevue	508	17- 5-23
Wylie, James	Commerce	520	17- 8-23
Weaver, William	Natal, B.C.	530	17- 8-23
Whitelaw, William	Blairmore	532	17- 8-23
Whelan, Charles J.	Newcastle P.O.	556	4-12-23
Williamson, David S.	Camrose	558	18-12-23
Waller, Herbert	Natal, B.C.	562	28-12-23
Willetts, Norman	Hillcrest	571	24- 7-24
Williams, Hugh	Nordeg	577	1- 8-24
Wilton-Clark, Harry	Bellevue	594	20- 7-25
Wheatley, Frank M.	Banff	599	20- 7-25
Wiswell, Byron	Blairmore	637	6- 8-26
Wilson, Samuel	Drumheller	639	20- 8-26
Whittaker, William C.	Coal Valley	643	25- 5-27
Westcott, Henry M.	Wayne	651	1- 8-27
Warneboldt, Julius	Chilliwack, B.C.	658	1- 9-27
Withington, Harry E.	Newcastle P.O.	664	14-10-27
White, Harry J.	Coalhurst	677	19- 7-28
Woolney, Karl	Bellevue	681	1- 8-28
Wiltse, Donald H.	Edmonton	688	1- 8-28
Whitehead, J. W.	England	712	7- 6-29
Williams, L. A.	Edmonton	768	4- 6-30
Womersley, E.	Blairmore	783	10- 6-30
Williams, H. A.	Mountain Park	792	3- 7-30
White, Michael	Drumheller	806	29-10-30
Williams, Walter	Alix	29	13- 7-31
Walsh, James C.	Bellevue	34	13- 7-31
Williams D. J.	Mountain Park	35	13- 7-31
Watkin, Geo. E.	Bittern Lake	59	2- 6-32
Walton, Geo. A.	Forestburg	67	25- 6-32
Watson, David	Leduc	77	11- 7-32
White, George	Nordeg	83	24- 8-32
Williams, Wm.	Barnwell	87	23- 9-32
Woodward, Clarence	Bellevue	94	16- 2-33
Wilkinson, James	Bragg Creek	116	3- 7-33
Watters, David G.	Drumheller	120	29- 7-33
Wiltse, Floyd N.	Forestburg	125	29- 7-33
Wilson, Charles	Lethbridge	130	8- 9-33
Williams, John	Barnwell	161	16- 6-34

List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
White, John	Nordegg	210	10- 8-35
Wright, S. P. T.	East Coulee	243	1- 2-37
Whyte, David	Pipestone Creek	253	11- 6-37
Waddington, Daniel M.	Coleman	259	23- 6-37
Wheatley, James W.	Banff	276	4-10-37
Wheeler, Albert	Clyde	282	24- 3-38
Wolff, Alfred	Willow Creek	387	12- 8-39
Watters, John J.	Edmonton	12	19- 9-40
Wakaruk (Walker), John J.	Newcastle	48	20- 7-42
Young, Thomas	Taber	57	11- 1-09
Young, Samuel	Cardiff	101	18- 1-10
Yates, James	Coleman	504	15- 2-23
Young, David B.	Picture Butte	581	25- 9-24
Young, Robert	Newcastle P.O.	603	25- 7-25
Young, Robert	Newcastle P.O. (duplicate)	788	14- 6-30
Young, Albert	Foreman	159	16- 6-34
Young, John	Drumheller	214	29- 8-35
Young, Warren	Wayne	216	30- 8-35
Young, Charles	Newcastle	278	10-11-37
Yarham, John I.	Forestburg	321	8- 8-38
Yorko, Simon A.	Shaughnessy	345	8- 6-39
Yard Lloyd Geo.	Trochu	373	22- 6-39
Zak, Albert	Commerce	324	26- 7-20
Zambo, Joseph	Aerial	292	10- 6-38
Zaputit, Frank W.	Rosedale	397	12- 9-39

*Deceased.

List of Names of Holders of Mine Surveyors' Certificates

Aspinall, Francis	Vancouver	1	7- 8-15
Adam, William A.	Lethbridge	40	21- 8-15
Ashburner, Edward	Medicine Hat	79	1- 9-15
Allen, Peter	Wayne	109	23-11-15
Atkins, Cecil B.	Edmonton	162	17- 7-23
Brown, John	Calgary	30	20- 8-15
Billington, Edward E.	England	42	23- 8-15
Bilterynt, Jean	Calgary	73	1- 9-15
*Black, Ernest D.	Nova Scotia	75	1- 9-15
Baxter, Andrew W.	Calgary	119	23-11-15
Brown, Hugh R.	Carbon	125	10- 7-16
Brown, Thomas	Edmonton	133	17-11-17
Burgess, Wilfred D.	Trail, B.C.	169	18-12-23
Coulthard, Robert W.	Toronto, Ont.	20	7- 8-15
Church, James A. H.	Nova Scotia	21	7- 8-15
Charlesworth, Lionel C.	Edmonton	22	7- 8-15
*Callander, Ira C.	Pocahontas	39	21- 8-15
Charbonnier, Jules	Blairmore	72	1- 9-15
*Cote, Jean L.	Edmonton	80	1- 9-15
Cautley, Reginald H.	Edmonton	81	1- 9-15
*Crowder, James	Blairmore	111	23-11-15
Cook, Arnold B.	Calgary	113	23-11-15
Cummin, Charles H.	Edmonton	135	3- 7-18
*Crowder, Harry	Drumheller	152	26- 7-20
Congdon, Milton H.	Blairmore	157	1- 8-21
Clement, Adolph L.	Cadomin	158	1- 8-21
Cameron, Alan E.	Edmonton	154	9- 3-21
Carthew, John T.	England	164	17- 7-23
Chavignaud, Louis G.	Hinton	165	17- 7-23
*Davidson, W. A.	Rosedale	7	7- 8-15
*Drinnan, Robert G.	Edmonton	8	7- 8-15
DeHart, Joseph B.	Lethbridge	45	23- 8-15
*Dougall, Ralph	Bankhead	49	23- 8-15
Drummond, Leonard E.	Edmonton	51	23- 8-15
Dunn, Alex. C.	Edmonton	55	23- 8-15
*Darbyshire, James	Drumheller	69	1- 9-15
Duggan, William H.	Foothills	84	1- 9-15
*Driscoll, Alfred	Edmonton	91	7- 9-15
Dennin, Frederick W.	England	100	9- 9-15
Davis, Alfred	Lethbridge	114	23-11-15
Daniell, G. W. B.	Nanaimo, B.C.	126	10- 7-16
Donaldson, C. S.	Lethbridge	151	26- 7-20
Dewis, Clifford S.	Canmore	163	1- 8-22
Drinnan, R. G. Jr.	Edmonton	181	8- 8-30
Dwarkin, L. M.	Coleman	2	30-10-41
Donaldson, Adam G.	Lethbridge	4	6- 8-43
Elliott, Edward P.	Pocahontas	33	20- 8-15
Ellis, William	Three Hills	94	7- 9-15
*Evans, Daniel	Edmonton	123	29-12-15
Elliott, G. R.	Calgary	150	26- 7-20
*Fraser, Norman	Edmonton	15	7- 8-15
Foot, Robert G.	Coleman	54	23- 8-15

List of Names of Holders of Mine Surveyors' Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Finnie, Oswald S.	Ottawa	57	23- 8-15
Flint, William G.	Edmonton	76	1- 9-15
Fortner, Edward	Tennessee, U.S.A.	83	1- 9-15
*Fraser, A. T.	Edmonton	121	18-11-15
Foster, William	Robb	167	1- 9-23
French, Merritt H.	Calgary	3	22- 8-33
Fraser, Arthur A.	Coleman	8	2- 9-37
Green, Raoul	Calgary	70	1- 9-15
Gallon, Emile	France	89	7- 9-15
Gray, David	Washington, U.S.A.	110	23-11-15
*Gheur, Ernest	Nordegg	129	22- 2-17
Graham, A. E.	Coleman	168	15- 9-23
Gardner, H. H.	Coleman	180	23- 7-29
Hutchison David	Hillcrest	29	20- 8-15
*Huntrods, E. S. F.	Taber	34	20- 8-15
*Hardie, W. D. L.	Lethbridge	50	23- 8-15
*Holden, Jas. O. E.	Drumheller	46	23- 8-15
*Hargreaves, James	Victoria, B.C.	52	23- 8-15
Hamilton, James F.	Lethbridge	56	23- 8-15
Henderson, Thomas R.	Scotland	67	1- 9-15
Hutchison, William	Hillcrest	68	1- 9-15
Hamilton, Robert	Three Hills	74	1- 9-15
Horne, Thomas	Edson	82	1- 9-15
*Harrison, Stephen	Lethbridge	85	1- 9-15
Hyde, Marcus L.	California	95	7- 9-15
*Hamilton, W. L.	Lethbridge	117	23-11-15
Hamilton, Allan	Drumheller	131	7- 7-17
Hall, W. E. G.	Blairmore	143	2- 7-19
Hetherington, W. B.	British Columbia	144	9- 7-19
Higgins, Alexander	Calgary	145	15- 7-19
Hollies, R. T.	Edmonton	156	1- 8-21
Hunter A. B.	Edmonton	153	9- 3-21
Howells, N.	Wayne	160	3-11-21
Hnatyshyn, Andrew C.	Luscar	171	24- 7-24
Hughes, Edward	Mayerthorpe	174	25- 9-24
Hewitt, Herbert E.	Blairmore	6	7- 8-36
Hamilton, Duncan C.	Drumheller	10	1-10-38
Jones, Samuel A.	Nanaimo, B.C.	26	19- 8-15
Jones, David	Edmonton	32	20- 8-15
*Johnson, Moses	Blairmore	130	7- 7-17
Jones, John R. B.	Hinton	5	1- 8-36
*Kellock, George	Coleman	105	23-11-15
*Kellett, Walton	Lethbridge	47	23- 8-15
*Knight, R. R.	Edmonton	96	9- 9-15
Knight, Sidney	Ottawa	122	3-12-15
Kidd, G. L. S.	Drumheller	132	10-10-17
Kelly, O. G.	Carbondale	2	29- 7-33
*Livingstone, Robert	Lethbridge	9	7- 8-15
*Lee, Robert	Estevan, Sask.	64	1- 9-15
Lavoie G. A.	United States	44	23- 8-15
Lyster, H. M.	Toronto, Ont.	77	1- 9-15
*Leblanc, Emile	Wayne	107	23-11-15
Lindoe, Luke	Coleman	136	3- 7-18
Lewis, John W.	Mountain Park	159	10-10-21
Livingstone, Robt. D.	Lethbridge	11	25- 7-39
*Morris, J. J.	Canmore	14	7- 8-15
Morris, R. H.	Virginia, U.S.A.	17	7- 8-15
Milne, M. C.	Virginia, U.S.A.	78	1- 9-15
*Mills, Harry W.	Bankhead	92	7- 9-15
Maxwell, W.	Westville, N.S.	93	7- 9-15
Millar, A. A.	Edmonton	97	9- 9-15
Meldrum, Wm.	Lethbridge	98	9- 9-15
Moodie, K. S.	Vancouver	101	9- 9-15
Marshall, J. W.	Evansburg	106	23-11-15
*Marsh, John	Taber	124	4- 4-16
Morgan, O.	Saunders	148	26- 7-20
Moore, H. D.	Edmonton	149	26- 7-20
Millen John	Trail, B.C.	172	24- 7-24
Melnik, N.	Cadomin	182	10- 9-30
Morgan, T. E.	Hillcrest	183	29-10-30
Morris, William	Edmonton	12	1- 8-39
Morgan, Evan	Blairmore	3	14- 7-43
McNeill, W. F.	Calgary	6	7- 8-15
McLeod, John A.	Cadomin	35	20- 8-15
McLenhan, J. A.	Coalspur	37	21- 8-15
Macaulay, A. G.	Midlandvale	41	23- 8-15
Macaulay, D. A.	Drumheller	60	31- 8-15
McCulloch, James	Vancouver, B.C.	104	23-11-15
McDonald, Duncan	Drumheller	118	23-11-15
*McVicar, Samuel	Beaver Mines	120	23-11-15
*McDonald, John R.	Edmonton	128	22- 2-17
McMullen, Arthur	Nordegg	1	26- 7-31
O'Donnell, Thomas	Rosedale	102	9- 9-15
Pitcher, Norman C.	Edmonton	10	7- 1-15

List of Names of Holders of Mine Surveyors' Certificates—Continued

Name	Address	Cert. No.	Date of Issue
*Parker, John L.	Canmore	11	7- 8-15
Pickles, Wm.	Edmonton	24	18- 8-15
*Puckett, O. L.	Robb	31	20- 8-15
Ponton, G. M.	Calgary	63	1- 9-15
Piard, Marc	Blairmore	88	7- 9-15
Powell, A. E.	Lundbreck	108	23-11-15
Pascoe, Thomas	Mountain Park	178	1- 8-27
Pratt, John	Coleman	4	22- 7-35
Quigley, Daniel H.	Coalhurst	142	2- 7-19
Reid J. C.	Oklahoma U.S.A.	12	7- 8-15
Richards, J. A.	Edmonton	13	7- 8-15
*Robertson, J. D.	Edmonton	23	7- 8-15
Robertson, J.	Drumheller	61	1- 9-15
Reid, A. H.	Oklahoma, U.S.A.	62	1- 9-15
Robert, L. P.	Blairmore	65	1- 9-15
Raisbeck, Luke	Drumheller	103	23-11-15
Ritchie, D. W.	Edmonton	134	28- 6-18
Robinson, W. E.	Coleman	139	11- 7-18
Riddell, J. G.	Coleman	147	26- 7-21
Richards, M. C. Russell	Blairmore	166	15- 9-23
*Richards, C. C.	Calgary	43	23- 8-15
Rhynas, Melville G.	Pincher Creek	9	1-11-37
*Shaw, William	Edmonton	25	19- 8-15
*Stockett, Lewis	Vancouver	2	7- 8-15
Stirling, John T.	Scotland	19	7- 8-15
*Smith, Frank B.	Edmonton	3	7- 8-15
Scott, A. N.	Luscar	36	20- 8-15
Shanks John	Nordegg	58	28- 8-15
Stevenson, Wm.	Hillcrest	59	31- 8-15
Stevens, Leonard C.	Edmonton	66	1- 9-15
Sutherland, C. C.	Seattle, Wash.	86	3- 9-15
Stevenson, J.	Scotland	116	23-11-15
Sherwin, P. M.	Frank	127	22- 1-17
Smith, T. E.	Montana, U.S.A.	137	3- 7-18
Steele, F. M.	Calgary	146	23- 3-20
Sparks, H. E.	Ontario	155	1- 8-21
Shanks, David	Nordegg	161	3- 4-22
Shaw, Norman	Edmonton	170	16- 7-24
Stewart, R. T.	Edmonton	173	11- 8-24
Thorne, B. L.	Calgary	18	7- 8-15
*Thornton, Norman M.	Edmonton	16	7- 8-15
*Thomas, Jos. D.	Nacmine	115	23-11-15
*Turner, John H.	Coalhurst	141	2- 7-19
Uteley, Frederick W.	Bellevue	177	26- 7-26
*Whiteside, O. E. S.	Coleman	27	19- 8-15
Williams A. E.	Saunders	38	21- 8-15
*Wain, W. Holt	Canmore	4	7- 8-15
*Wilson, D. G.	Bankhead	5	7- 8-15
Williams, T. B.	Calgary	48	23- 8-15
Watson, R. H.	Edmonton	53	23- 8-15
*Williams, W. P.	Bellevue	71	1- 9-15
Watters, John	Banff	87	3- 9-15
Wilson, W. R.	Fernie, B.C.	90	7- 9-15
*Wark, Samuel D.	Evansburg	99	9- 9-15
Wheeler, James S.	Calgary	112	23-11-15
Wright, Edwin	Fernie, B.C.	138	11- 7-18
Wilton-Clark, Harry	Coleman	175	20- 7-25
Wilson, William	Drumheller	176	14- 8-25
Whittaker, William C.	Coal Valley	179	6- 8-27
Whigham-Teasdale, Jas. R.	Drumheller	7	18- 8-37
Wilson, Andrew	Rosedale Station	1	19- 7-41
*Young, W. H.	Calgary	28	19- 8-15

*Deceased.

List of Names of Holders of Mine Electricians' Certificates

Anderson, Julius	Wayne	87	10- 9-40
Angelo, Steve	Drumheller	88	10- 9-40
Arndt, Joseph H.	Drumheller	61	30- 9-39
Blamonte, Antonio	Clover Bar	1	25- 9-39
Brotherston, Robert A.	Clover Bar	2	25- 9-39
Broderick, Gideon	Canmore	14	30- 9-39
Blas, Emile	Blairmore	28	30- 9-39
Blake, Gwilym	Blairmore	29	30- 9-39
Bell, Harold	Lethbridge	39	30- 9-39
Berlando, Tully	Aerial	49	30- 9-39
Buzenus, Christopher	Drumheller	51	30- 9-39
Belley, Thomas	Mountain Park	76	24- 9-39
Brown, Hugh R.	Carbon	95	12- 9-40
Bucholtz, Robert C.	Redcliff	98	16- 9-40
Barrell, William	Ardley	101	14-11-40

List of Names of Holders of Mine Electricians' Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Burch, George	Shaughnessy	107	29- 9-41
Beaton, Geo. M.	Luscar	116	15-10-42
Conlin, Richard	Drumheller	50	30- 9-39
Clark, James	East Coulee	59	30- 9-39
Cartledge, Harold L.	Edmonton	67	9-11-39
Callan, Lawrence	Cadomin	78	24-11-39
Chapman, James R.	Alexo	84	25- 5-40
Craig, Andrew	Nacmine	91	11- 9-40
Devonshire, George H.	Canmore	15	30-10-39
Dibblee, Edwin W.	Coleman	26	30- 9-39
Dutfield, George	Coleman	27	30- 9-39
Dore, Vincent F.	Coal Valley	70	24-11-39
Dolanz, Steve	Three Hills	81	21-12-39
Dolanz, Iggie	Three Hills	82	21-12-39
Edwards, Mark	Entwistle	100	14-11-40
Fraser, James	Coleman	31	30- 9-39
Ford, John C.	Drumheller	53	30- 9-39
Freypons, John	East Coulee	60	30- 9-39
Fox, Alfred	Carbon	83	21-12-39
Finlayson, John C.	Robb	102	15-11-40
Gilchrist, J. N.	Wabamun	5	27- 9-39
Grover, Henry	Calgary	16	30- 9-39
Gregor, Victor	Bellevue	17	30- 9-39
Godfrey, Wiley R.	Coleman	18	30- 9-39
Gidman, Joseph H.	Taber	40	30- 9-39
Grant, Alexander	Rosedale	47	30- 9-39
Horne, Robert	Drinnan	4	27- 9-39
Hunter, James	Edmonton	8	27- 9-39
Hallworth, Fredrick W.	Bellevue	23	30- 9-39
Henderson, John R.	Nacmine	46	30- 9-39
Herman, Martin	Drumheller	48	30- 9-39
Higgins, William	Drumheller	52	30- 9-39
Hansen, Knud	Midlandvale	55	30- 9-39
Hooie Wm.	East Coulee	86	10- 9-40
Henderson, Patrick H.	Lethbridge	97	16- 9-40
Hodgkinson, John L.	Evansburg	112	21-11-41
Heidel, H. G.	Priddis	117	12-11-43
Iwasiuk, Harry	Wabamun	7	27- 9-39
Johnson, Albert E.	Drumheller	85	10- 9-40
King, William G.	Lethbridge	37	30- 9-39
King, Samuel D.	Iron Springs	41	30- 9-39
Lambert, Louis J.	Edmonton	3	27- 9-39
Lister, Alexander B.	Edmonton	9	27- 9-39
Lawrence, Charles G.	Hillcrest	19	30-10-39
Lahn, John T.	Foothills	69	24-11-39
Lattin, Albert	Drumheller	89	10- 9-40
Laslop, Ignac	Midlandvale	92	11- 9-40
Lavis, Stewart	Drumheller	119	12-11-43
Mitchell, Robert	Coleman	20	30- 9-39
Murdoch, Stewart	Coleman	21	30- 9-39
Millett, Fernley E.	Blairmore	22	30- 9-39
Montalbetti, Ralf A.	Coleman	32	30- 9-39
Mileson, Thomas H.	Lethbridge	34	30- 9-39
Milner, Robert	Lethbridge	44	30- 9-39
Munro, James H.	Lethbridge	45	30- 9-39
Murdoch, Horace	Rosedale	56	30- 9-39
Marsh, Cyril	Drumheller	57	30- 9-39
Milo, Michael	East Coulee	65	30- 9-39
Mellett, Percy M.	Sterco	71	24-11-39
Mathison, Matthew	Robb	72	24-11-39
Miller, William J.	Cadomin	79	24-11-39
MacDonald, Edwin M.	Bellevue	24	30- 9-39
McKay, Fred	Blairmore	25	30- 9-39
McGregor, Hector	Lethbridge	36	30- 9-39
McMahon, James	Lethbridge	38	30- 9-39
McLeod, Fraser	Mercoal	74	24-11-39
Manning, Thomas	Drumheller	93	11- 9-40
Musgrove, Fred	Canmore	105	1-10-41
McQuillan, D. J.	Saunders	113	15-10-42
Nelson, Cais E.	Lethbridge	42	30-10-39
Nelson, Leonard G.	Lethbridge	96	16- 9-40
Oliphant, Cyril	Carbon	80	21-12-39
O'Dwyer, John J.	Midlandvale	90	10- 9-40
Oliver, Kenneth	Taber	109	1-10-41
Porter, Glen	Luscar	77	24-11-39
Phillips, Robert	Edmonton	111	21-11-41
Reishus, Odin K.	East Coulee	63	30- 9-39
Raisbeck, Luke	East Coulee	64	30- 9-39
Root, Clarence	Robb	73	24-11-39
Riordan, Leo	Edmonton	104	1- 5-41
Ransom, Albert S.	Nacmine	118	12-11-43
Smith, Eric W.	Nordegg	12	30- 9-39
Shanks, David S.	Nordegg	13	30- 9-39
Sbora, John	Drumheller	54	30- 9-39

List of Holders of Mine Electricians Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Speight, James A.	Midlandvale	58	30- 9-39
Skow, Arthur M.	Drumheller	62	30- 9-39
Stacey, Alfred R.	Hinton	68	30- 9-39
Stewart, R. T.	Edmonton	99	14-11-40
Trysinsky, Stanley	Hinton	103	23-12-40
Thackray, John	Shaughnessy	108	1-10-41
Tait, Burton	Edmonton	110	21-11-41
Vasek, Steven	Coleman	33	30-10-39
Wilson, Glen H.	Edmonton	6	27- 9-39
Waters, William J.	Saunders	10	30- 9-39
Wilson, John	Nordegg	11	30- 9-39
Warn, Roland	Bellevue	30	30- 9-39
Webster, James S.	Shaughnessy	35	30- 9-39
Wyatt, Douglas	Diamond City	43	30- 9-39
Weston, Clarence E.	Rosedale	66	30- 9-39
Watson, James S.	Mountain Park	75	24-11-39
Wilson, Mike	Willow Creek	94	12- 9-40
Wollersheim, Phillip	Drumheller	106	1-10-41
Worobec, Wm. N.	Bellevue	114	15-10-42
Weins, Wm. J.	Drumheller	115	15-10-42

*Deceased.

NUMBER OF MINES OPENED, ABANDONED AND RE-OPENED ACCORDING TO
AREAS AND KIND OF COAL, DURING THE YEAR

Area	Area Number	Character of Coal	No. of Mines in operation Dec. 31, '43	Mines opened during the year	Mines re-opened during the year	Mines closed but not abandoned	Mines abandoned during the year	Name and Address of District Inspector of Mines
Ardley	1	Domestic	7	2	1	1	John Crawford, Qu'Appelle Bldg., Tel. No. 28612.
Big Valley	2	Domestic	4	.....	2	2	.....
Camrose	5	Domestic	5	2	2	2	.....
Carbon	6	Domestic	7	.....	1	1	.....
Castor	8	Domestic	24	2	2	6	2	
Edmonton	15	Domestic	14	.....	.....	4	1
Pembina	31	Domestic	1	2	.....	1	1
Tofield	42	Domestic	3	.....	.....	.....	.....
Wetaskiwin	45	Domestic	1	.....	.....	.....	.....
Brooks	3	Domestic	2	W. E. G. Hall, Lethbridge, Alta., Tel. No. 3325.
Champion	9	Domestic	3	.....	.....	.....	2
Lethbridge	8	Domestic	9	1	1	1	.....
Milk River	22	Domestic	2	.....	.....	1	1
Pakowki	28	Domestic	2	.....	1	.....	2
Redcliff	34	Domestic	2	.....	.....	.....	.....
Taber	41	Domestic	5	3	1	A. Muir, Edson, Alta., Tel. No. 35.
Coalspur	11	Sub-Bituminous	6	.....	.....	.....	.....
Mountain Park	24	Bituminous	4	1	.....	.....	.....
Pembina	31	Domestic	3	3	1	1	1	
Prairie Creek	33	Sub-Bituminous	1	1	.....	.....	.....
Crowsnest	12	Bituminous	7	1	3	E. H. Morgan, Blairmore, Alta., Tel. No. 70.
Pincher	32	Sub-Bituminous	1	.....	.....	.....	.....
Carbon	6	Domestic	4	1	1	W. G. Heeley, New Court House Building, Calgary, Alta., Tel. No. M842-84.
Cascade	7	Bituminous	2	.....	.....	.....	.....
Drumheller	14	Domestic	2	.....	1	.....	.....
(Wayne)								
Gleichen	17	Domestic	3	.....	.....	.....	.....
Nordegg	25	Bituminous	2	.....	.....	.....	.....
Pekisko	30	Sub-Bituminous	2	1	J. A. Dutton, Drumheller, Alta., Tel. No. 413.
Saunders	36	Sub-Bituminous	2	.....	.....	.....	1
Drumheller	14	Domestic	22	2	2	.....	1
Gleichen	17	Domestic	3	.....	1	.....	.....
Sheerness	38	Domestic	6	1	1	1	.....
Edmonton	15	Domestic	12	1	1	1	A. B. Hunter, Edmonton, Alta., Tel. No. 916415.
Halcourt	18	Domestic	4	2	2	4	.....
Whitcourt	46	Domestic	1	2	2	1	.....
Rochester	35	Domestic	2	.....	.....	.....	.....
Total			180	27	22	27	17	

In addition to the above, Mr. A. B. Hunter, 10898 75th Street, Edmonton, is acting in the capacity of Assistant Chief Inspector of Mines, Telephone No. 72212.

In addition to the above, Mr. Burton Tait is the Electrical Inspector for all mines in the Province. His address is 5 Normandie Apts., and the Telephone No. 23716.

NEW CLASSIFICATION OF ALBERTA COALS BY AREAS, AS SUBMITTED BY THE ASSOCIATE COMMITTEE OF EACH CLASSIFICATION

Areas		A S.T.M. Rank (D388-38) and Class													
		Anthracite				Bituminous					Sub-Bituminous			Lignite	
		Group	Meta-anthracite	Anthracite	Semi-anthracite	Low volatile	Medium volatile	High volatile A	High volatile B	High volatile C	Sub-bituminous A	Sub-bituminous B	Sub-bituminous C	Lignite	Brown coal
Ardley	1														
Big Valley	2											*			
Brooks	3												*		
Brule	4					*							*		
Camrose	5													*	
Carbon	6										*				
Cascade	7				*		*					*		*	
Castor	8												*		
Champion	9										*		*	*	
Clearwater†	10												*		
Coalspur	11									*					
Crowsnest	12-13						*	*							
Drumheller	14											*	*	*	
Edmonton	15											*	*	*	
Empress†	16											*	*	*	
Gleichen	17											*	*	*	
Halcourt	18							*							
Highwood	19					*									
Lethbridge	20								*						
Magrath†	21							*							
Milk River	22										*	*			
Morley†	23														
Mountain Park	24						*	*							
Nordegg	25					*									
Oldman†	26						*								
Pakan†	27														
Pakowki	28												*	*	
Panther†	29														
Pekisko	30							*							
Pembina	31											*			
Pincher	32								*	*					
Prairie Creek	33							*	*	*					
Redcliff	34												*		
Rochester	35														
Saunders	36								*						
Sexsmith†	37														
Sheerness	38												*		
Smoky River†	39														
Steveville†	40														
Taber	41									*	*				
Tofield	42											*			
Valhalla†	43													*	
Wainwright†	44														
Westlock†	45														
Wetaskiwin	46														
Whitcourt	47														

†Non-producing district at present.

*Kind or rank of coal is indicated at the heading of this column.

PARTICULARS OF OPERATING MINES IN THE VARIOUS AREAS

ARDLEY AREA

F. A. Straub—Mine No. 255

Mine Office: Alix, Alberta.
 Overman: F. A. Straub.
 Location of Mine: N.E. $\frac{1}{4}$ L.S. 5, Sec. 17,
 Tp. 38, Rge. 23, W. 4th Mer.
 Thickness of Cover: 40 feet.
 Thickness of Seam: $4\frac{1}{2}$ feet.
 Stripping operation. Truck mine.

J. W. Sissons—Mine No. 809

Mine Office: Alix, Alberta.
 Overman: Clive Sissons.
 Mine Surveyor: Robert Hamilton.
 Location of Mine: E. of C.N.R. L.S. 6,
 Sec. 33, Tp. 38, Rge. 23, W. 4th Mer.
 Thickness of Seam: 5 feet. Inclination
 of Seam: Horizontal.
 Thickness of Cover: 42 feet.
 Form of Opening: Stripping operation.
 Truck mine.

James Blades—Mine No. 969

Mine Office: Delburne, Alberta.
 Overman: James Blades.
 Mine Surveyor: L. C. Stevens.
 Location of Mine: L.S. 14, Sec. 10, Tp.
 38, Rge. 22, W. 4th Mer.
 Thickness of Seam: $3\frac{1}{2}$ ft.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 60 feet.
 Form of Opening: Slope. Size of Slope:
 5ft. 6in. by 6ft. Length of Slope: 150
 feet. Truck mine.

Alexander J. Johnson—Mine No. 1018

Mine Office: Ardley, Alberta.
 Overman: Alex. J. Johnson.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 3, Sec. 17, Tp. 38,
 Rge. 23, W. 4th Mer.
 Thickness of Seam: $5\frac{1}{2}$ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 50 to 100 feet.
 Form of Opening: Drift. Size of Drift:
 6ft. by 7ft. Truck mine.

Carl B. Kurl—Mine No. 1135

Mine Office: Delburne, Alberta.
 Overman: Carl B. Kurl.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 4, Sec. 7, Tp. 38,
 Rge. 23, W. 4th Mer.
 Thickness of Seam: 4 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 55 feet.
 Form of Opening: Entry. Size of Entry:
 6ft. by 6ft.
 Truck mine.

John Lynass—Mine No. 1322

Mine Office: Delburne, Alberta.
 Overman: John Lynass.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 16, Sec. 7, Tp. 38,
 Rge. 23, W. 4th Mer.
 Thickness of Seam: 6 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 20 to 75 feet.
 Form of Opening: Drift. Size of Open-
 ing: 6ft. by 7ft.
 Truck mine.

Chas. O. Russell—Mine No. 1488

Mine Office: Alix, Alberta.
 Overman: Chas. O. Russell.
 Mine Surveyor: David Jones.
 Location of Mine: W. $\frac{1}{2}$ L.S. 3, Sec. 29,
 Tp. 38, Rge. 23, W. 4th Mer.
 Thickness of Seam: 5 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 50 to 75 feet.
 Form of Opening: Drift. Size of Open-
 ing: $6\frac{1}{2}$ ft. by 4ft. 9in.
 Truck mine.

Kehl & McGladrie—Mine No. 1586

Mine Office: Nevis, Alberta.
 Overman: R. McGladrie.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 4 and 5, Sec. 35,
 Tp. 37, Rge. 22, W. 4th Mer.
 Thickness of Seam: 5 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 100 feet.
 Form of Opening: Shaft.
 Truck mine.

Myers & Munro—Mine No. 1605

Mine Office: Ardley, Alberta.
 Overman: S. S. Munro.
 Location of Mine: L.S. 12, Sec. 35, Tp. 38,
 Rge. 23, W. 4th Mer.
 Thickness of Seam:
 Inclination of Seam: Horizontal.
 Thickness of Cover:
 Stripping operation. Truck mine.

William Barrell—Mine No. 1613

Mine Office: Ardley, Alberta.
 Overman: W. Barrell.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 10, Sec. 20, Tp. 38,
 Rge. 23, W. 4th Mer.
 Thickness of Seam: $5\frac{1}{2}$ ft. to 6ft.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 75 to 100 feet.
 Stripping operation. Truck mine.

BIG VALLEY AREA

Big Valley Coal Co.—Mine No. 864

Mine Office: Big Valley, Alberta.
 Acting Manager: Robert Baxter.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 16, Sec. 26, Tp.
 35, Rge. 20, W. 4th Mer.
 Thickness of Seam: 6 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 15 to 80 feet.
 Form of Opening: Slope. Size of Open-
 ing: 6ft. by 8ft.
 Truck and C.N.R. Mine.

James McKinlay—Mine No. 1189

Mine Office: Huxley, Alberta.
 Overman: James McKinlay.
 Mine Surveyor: David Jones.
 Location of Mine: E. $\frac{1}{2}$ of E. $\frac{1}{2}$ L.S. 13,
 and L.S. 14 of Sec. 3, Tp. 34, Rge. 22,
 W. 4th Mer.
 Thickness of Seam: 3ft. 3in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 10 to 75 feet.
 Form of Opening: Drift. Size of Drift:
 5ft. by 6ft.
 Truck mine.

Robert Campkin—Mine No. 1254

Mine Office: Lousana, Alberta.
 Overman: Robert Campkin.
 Mine Surveyor: David Jones.
 Location of Mine: S.W. $\frac{1}{4}$ L.S. 16, Sec.
 12, Tp. 36, Rge. 22, W. 4th Mer.
 Thickness of Seam: 4ft. 4in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 15 to 150 feet.
 Form of Opening: Slope. Size of Slope:
 6ft. by 6ft. Length of Slope: 112 feet.
 Truck mine.

John A. Ginther—Mine No. 1376

Mine Office: Perbeck, Alberta.
 Overman: J. A. Ginther.
 Mine Surveyor: Alex. Higgins.
 Location of Mine: L.S. 7, Sec. 30, Tp. 34,
 Rge. 21, W. 4th Mer.
 Thickness of Seam: 5 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 25 to 75 feet.
 Form of Opening: Slope. Size of Slope:
 5ft. by 5ft. Length of Slope: 100 feet.
 Truck mine.

BROOKS AREA**Kleenbirn Collieries, Ltd.—Mine No. 1329**

Authorized Capital: \$250,000.
 Name of President: James Balfour.
 Names of Directors: James Balfour, J. G. Westgate.
 Name of Secretary-Treasurer: J. G. Westgate.
 Mine Office: Eyremore, Alberta.
 General Manager: J. G. Westgate.
 Mine Surveyor: Gordon L. Kidd.
 Overman: A. Queen.
 Location of Mine: L.S. 3, Sec. 16, Tp. 17, Rge. 17, W. 4th Mer.
 Thickness of Seam: 5 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 120 feet.
 Form of Opening: Slope. Size of Slope: 6ft. by 6ft. Length of Slope: 336 feet.
 Truck and C.P.R. mine.

Birnwel Coal, Ltd.—Mine No. 1404

Authorized Capital: \$20,000.00.
 Name of President and General Manager: J. G. Westgate.
 Name of Secretary-Treasurer: J. E. Muir.
 Head Office: 309 8th Ave. W., Calgary, Alberta.
 Mine Office: Eyremore, Alberta.
 Mine Surveyor: Gordon L. Kidd.
 Location of Mine: L.S. 8, Sec. 15, Tp. 17, Rge. 17, W. 4th Mer.
 Thickness of Seam: 5 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 20 to 25 feet.
 Stripping operation.
 Truck and C.P.R. mine.

CAMROSE AREA**Joe Proskow—Mine No. 241**

Mine Office: Dinant, Alberta.
 Overman: J. Proskow.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 4, Sec. 18, Tp. 48, Rge. 19, W. 4th Mer.
 Thickness of Seam: 6 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 15 feet.
 Stripping operation. Truck mine.

Stoney Creek Collieries, Ltd.—Mine No. 244

Authorized Capital: \$50,000.
 Name of President: D. Twomey Jr.
 Names of Directors: F. L. Farley, E. M. Farley, Alice Twomey, D. Twomey Jr.
 Name of Secretary: F. L. Farley.
 Name of Treasurer: D. Twomey Jr.
 Mine Office: Camrose, Alberta.
 General Manager: D. Twomey Jr.
 Mine Surveyor: David Jones.
 Mine Manager: D. O. Roberts.
 Location of Mine: L.S. 1, Sec. 33, Tp. 46, Rge. 20, W. 4th Mer.
 Thickness of Seam: 4½ft.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 35 to 80 feet.
 Form of Opening: Slope. Size of Slope: 6½ft. by 5½ft. Length of Slope: 150 feet.
 Truck mine.

L. Strilczyk—Mine No. 610

Mine Office: Ohaton, Alberta.
 Overman: L. Strilczyk.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 8, Sec. 10, Tp. 48, Rge. 18, W. 4th Mer.
 Thickness of Seam: 4 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 18 feet.
 Stripping operation. Truck mine.

Red Flame Coal Co., Ltd.—Mine No. 1420

Authorized Capital: \$20,000.
 Name of President: John Russell.
 Names of Directors: John Russell, Alex. Russell, R. Shortreed.

Name of Secretary: R. Shortreed.
 Mine Office: Round Hill, Alberta.
 Mine Manager: John Russell.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 14, Sec. 19, Tp. 48, Rge. 18, W. 4th Mer.
 Thickness of Seam: 6 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 84 feet.
 Form of Opening: Slope. Size of Slope: 6ft. by 8ft. Length of Slope: 220 feet.
 Truck and C.N.R. mine.

Geo. Shute & Partners—Mine No. 1524

Mine Office: Dinant, Alberta.
 Overman: Geo. Shute.
 Mine Surveyor: David Jones.
 Location of Mine: E. ½ Sec. 7, Tp. 48, Rge. 19, W. 4th Mer.
 Thickness of Seam: 5 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 17 feet.
 Stripping operation.
 Truck mine.

Camrose Collieries, Ltd.—Mine No. 1603

President and Managing Director: D. Twomey, Jr.
 Mine Office: Camrose, Alberta.
 Mine Surveyor: David Jones.
 Location of Mine: Sec. 29, Tp. 46, Rge. 19, W. 4th Mer.
 Thickness of Seam: 4ft. 8in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 20 feet.
 Stripping operation. Truck mine.

CARBON AREA**Spencer & Dolphin—Mine No. 53**

Mine Office: Carbon, Alberta.
 Overman: H. Dolphin.
 Mine Surveyor: David Jones.
 Location of Mine: S.W. ¼ L.S. 3, Sec. 14, Tp. 29, Rge. 23, W. 4th Mer.
 Thickness of Seam: 4 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 100 feet.
 Form of Opening: Slope. Size of Tunnels: 6ft. by 7ft.
 Truck mine.

Albert Trentham—Mine No. 113

Mine Office: Three Hills, Alberta.
 Overman: Albert Trentham.
 Mine Surveyor: J. R. Whigham-Teasdale.
 Location of Mine: L.S. 16, Sec. 26, Tp. 31, Rge. 24, W. 4th Mer.
 Thickness of Seam: 4¾ft.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 70 feet.
 Form of Opening: Slope. Size of Slope: 5ft. by 5ft. Length of Slope: 220 feet.
 Truck mine.

Canadian Dinant Coal Co., Ltd.—Mine No. 384

Authorized Capital: \$23,020.
 Name of President: Jessie M. Halbert.
 Names of Directors: Jessie M. Halbert, Jas. McGuire.
 Name of Secretary: Jas. McGuire.
 Mine Office: Three Hills, Alberta.
 Manager: Jas. B. Touhey.
 Mine Surveyor: David Jones.
 Overman: Joseph Thompson.
 Location of Mine: L.S. 3, Sec. 36, Tp. 21, Rge. 24, W. 4th Mer.
 Thickness of Seam: 5 feet.
 Thickness of Cover: 160 feet.
 Inclination of Seam: Dips 1% N.
 Form of Opening: Shaft. Size of Shaft: 12ft. by 7½ft. Depth of Shaft: 160 feet.

Jas. W. Rynning—Mine No. 690

Mine Office: Rowley, Alberta.
 Overman: Jas. W. Rynning.
 Mine Surveyor: David Jones.

Location of Mine: L.S. 4, Sec. 13, Tp. 32, Rge. 21, W. 4th Mer.
 Thickness of Seam: 5ft. 3in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 108 feet.
 Form of Opening: Shaft. Size of Shaft: 6ft. by 8ft. Depth of Shaft: 108 feet.
 Truck mine.

Yard & Son—Mine No. 710

Mine Office: Trochu, Alberta.
 Overman: Lloyd G. Yard.
 Mine Surveyor: David Jones.
 Location of Mine: S.E. $\frac{1}{4}$ L.S. 9, Sec. 14, Tp. 33, Rge. 23, W. 4th Mer.
 Thickness of Seam: 5 feet.
 Inclination of Seam: Dips 1% North.
 Thickness of Cover: 80 feet.
 Form of Opening: Drift. Size of Opening: 5ft. by 5ft.
 Truck mine.

Otto Schlender—Mine No. 921

Mine Office: Trochu, Alberta.
 Overman: Otto Schlender.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 15, Sec. 14, Tp. 33, Rge. 23, W. 4th Mer.
 Thickness of Seam: 5 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 60 feet.
 Form of Opening: Drift. Size of Drift: 7ft. by 5ft.
 Truck mine.

Alfred Fox (East Carbon Coal Co.)— Mine No. 1060

Mine Office: Carbon, Alberta.
 Overman: Alfred Fox.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 12 and 13, Sec. 7, Tp. 29, Rge. 22, W. 4th Mer.
 Thickness of Seam: 4 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 100 to 200 feet.
 Form of Opening: Level drift. Size of Opening: 6ft. by 6ft.
 Truck mine.

C. C. Campbell—Mine No. 1226

Mine Office: Trochu, Alberta.
 Overman: A. E. Staite.
 Mine Surveyor: L. C. Stevens.
 Location of Mine: W. $\frac{1}{2}$ L.S. 9, Sec. 29, Tp. 33, Rge. 22, W. 4th Mer.
 Thickness of Seam: 5 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 45 to 100 feet.
 Form of Opening: Level drift. Size of Drift: 6ft. by 7ft.
 Truck mine.

Richard Bradshaw—Mine No. 1283

Mine Office: Trochu, Alberta.
 Overman: Richard Bradshaw.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 8, Sec. 14, Tp. 33, Rge. 23, W. 4th Mer.
 Thickness of Seam: 5 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 30 to 80 feet.
 Form of Opening: Slope. Size of Slope: 5ft. by 6ft. Length of Slope, 150 feet.
 Truck mine.

Balogh Bros.—Mine No. 1359

Mine Office: Carbon, Alberta.
 Overman: Aron Balogh.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 8, Sec. 13, Tp. 29, Rge. 23, W. 4th Mer.
 Thickness of Seam: 4 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 100 to 150 feet.
 Form of Opening: Drift. Size of Opening: 6ft. by 8ft.
 Truck mine.

Nuttall & Davidson—Mine No. 1499

Mine Office: Three Hills, Alberta.
 Overman: W. W. Davidson.
 Mine Surveyor: J. R. Whigham-Teasdale.
 Location of Mine: L.S. 1, Sec. 9, Tp. 31, Rge. 22, W. 4th Mer.
 Thickness of Seam: $4\frac{1}{2}$ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 8 to 25 feet.
 Stripping operation. Truck mine.

W. Pastorchik & Partners—Mine No. 1538

Mine Office: Three Hills, Alberta.
 Overman: W. Pastorchik.
 Mine Surveyor: Gordon L. Kidd.
 Location of Mine: S.E. $\frac{1}{4}$ L.S. 10, Sec. 9, Tp. 31, Rge. 22, W. 4th Mer.
 Thickness of Seam: $4\frac{1}{2}$ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 15 to 30 feet.
 Stripping operation. Truck mine.

Peerless Coal Co.—Mine No. 1600

Mine Office: Carbon, Alberta.
 Manager: H. R. Brown.
 Mine Surveyor: H. R. Brown.
 Location of Mine: L.S. 2, Sec. 15, Tp. 29, Rge. 23, W. 4th Mer.
 Thickness of Seam: 4 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 100 to 200 feet.
 New operation.

CASCADE AREA

The Canmore Mines, Ltd.—Mine No. 2

Authorized Capital: \$1,000,000.
 Name of President: Edmund Hayes.
 Names of Directors: B. Frank Crane, F. E. Weyerhaeuser, A. C. Smith, W. R. Stewart, R. M. Young, L. S. Headley.
 Name of Secretary: J. E. A. MacLeod.
 Name of Treasurer: Louis S. Headley.
 Mine Office: Canmore, Alberta.
 General Manager: R. M. Young.
 Mine Manager: W. Wilson.
 Mine Surveyor: C. S. Dewis.
 Overmen: Jos. Cole, H. Musgrove.
 Fire-bosses: W. S. Appleby, J. Brown, M. Carmichael, A. Fox, A. Knudson, A. Kowal, W. P. Lythowski, W. Monkton, V. Mrokwia, Jr., J. Miskow, H. Niskanen, L. Riordan, B. Rogers, J. Wardrop.
 Location of Mine: N.E. $\frac{1}{4}$ Legal S.D. 1, Sec. 29, Tp. 24, Rge. 10, W. 5th Mer.
 Thickness of Seam: Morris Seam, 8ft.; Stewart Seam, 4 to 8 ft. No. 4 Seam, 10 to 11 feet.
 Inclination of Seams: Average 15 degrees.
 Thickness of Cover: 350 to 1,000 feet.
 Form of Opening: Slope. Size of Slope: Stewart and Morris, 16ft. by 8ft.; No. 4 Seam, 16ft. by 8-ft.-13ft. Length of Slopes: Stewart and Morris, 700 feet; No. 4 Seam, 1,500 feet.

Frank Wheatley & Sons—Mine No. 1244

Mine Office: Banff, Alberta.
 Mine Manager: Frank Wheatley.
 Mine Surveyor: L. C. Stevens.
 Location of Mine: L.S. 12, Sec. 4, Tp. 26, Rge. 11, W. 5th Mer.
 Thickness of Seam: 9 feet.
 Inclination of Seam: 35-45 degrees.
 Thickness of Cover: 400 feet.
 Form of Opening: Tunnel.

CASTOR AREA

John Tyrlik—Mine No. 251

Mine Office: Heisler, Alberta.
 Overman: John Tyrlik.
 Mine Surveyor: David Jones.
 Location of Mine: S.W. $\frac{1}{4}$ L.S. 16, Sec. 28, Tp. 42, Rge. 17, W. 4th Mer.
 Thickness of Seam: 5 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 70 feet.

Form of Opening: Tunnel. Size of Opening: 6ft. by 7ft.
Truck mine.

Bailey Bros. & Jackson—Mine No. 289

Mine Office: Gadsby, Alberta.
Overman: H. W. Jackson.
Mine Surveyor: David Jones.
Location of Mine: N.W. $\frac{1}{4}$ L.S. 11, Sec. 28, Tp. 39, Rge. 16, W. 4th Mer.
Thickness of Seam: 4 to 5 feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 50 feet.
Form of Opening: Slope. Size of Slope: 5ft. by 6ft. Slope, 135 feet long.
Truck mine.

James Chiswick—Mine No. 291

Mine Office: Gadsby, Alberta.
Overman: James Chiswick.
Mine Surveyor: David Jones.
Location of Mine: S. $\frac{1}{2}$ L.S. 11, Sec. 28, Tp. 39, Rge. 16, W. 4th Mer.
Thickness of Seam: 3 $\frac{1}{2}$ to 4 feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 10 to 35 feet.
Form of Opening: Slope. Size of Slope: 6ft. by 7ft. by 75 feet long.
Truck mine.

Max LeGear—Mine No. 447

Mine Office: Forestburg, Alberta.
Overman: Max LeGear.
Mine Surveyor: David Jones.
Location of Mine: L.S. 13, Sec. 28, Tp. 40, Rge. 15, W. 4th Mer.
Thickness of Seam: 7 $\frac{1}{2}$ ft.
Inclination of Seam: Horizontal.
Thickness of Cover: 15 to 30 feet.
Form of Opening: Shaft. Size of Shaft: 5ft. by 6ft. Depth of Shaft: 30 feet.
Truck mine.

John Sank—Mine No. 615

Mine Office: Heislser, Alberta.
Overman: John Sank.
Mine Surveyor: David Jones.
Location of Mine: L.S. $\frac{1}{2}$ L.S. 1, Sec. 28, Tp. 42, Rge. 17, W. 4th Mer.
Thickness of Seam: 4 feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 20 to 70 feet.
Form of Opening: Slope.
Truck mine.

K. M. Coal Mine—Mine No. 666

Mine Office: Forestburg, Alberta.
Overman: G. A. Curtis.
Mine Surveyor: David Jones.
Location of Mine: L.S. 16, Sec. 2, Tp. 41, Rge. 16, W. 4th Mer.
Thickness of Seam: 7 feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 15 to 30 feet.
Stripping operation. Truck mine.

O. V. Remillard—Mine No. 902

Mine Office: Castor, Alberta.
Overman: O. V. Remillard.
Mine Surveyor: David Jones.
Location of Mine: L.S. 16, Sec. 33, Tp. 37, Rge. 14, W. 4th Mer.
Thickness of Seam: 4 to 5 feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 45 feet.
Slope: 6 by 6ft., 104 feet long.
Truck mine.

F. G. Meek—Mine No. 911

Mine Office: Heislser, Alberta.
Overman: F. G. Meek.
Mine Surveyor: David Jones.
Location of Mine: L.S. 1, Sec. 33, Tp. 42, Rge. 17, W. 4th Mer.
Thickness of Seam: 4 feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 20 to 75 feet.
Form of Opening: Slope. Size of Slope: 6ft. by 6ft. Length of Slope: 104 feet.
Truck mine.

Ben Hronek—Mine No. 913

Mine Office: Halkirk, Alberta.
Overman: Ben Hronek.
Mine Surveyor: David Jones.
Location of Mine: L.S. 1, Sec. 7, Tp. 39, Rge. 15, W. 4th Mer.
Thickness of Seam: 6 feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 40 to 80 feet.
Form of Opening: Slope. Size of Slope: 6ft. by 6ft. Length of Slope: 142 feet.
Truck mine.

C. H. Hanson—Mine No. 948

Mine Office: Rosalind, Alberta.
Overman: Fred Ewing.
Mine Surveyor: David Jones.
Location of Mine: L.S. 6, Sec. 8, Tp. 43, Rge. 17, W. 4th Mer.
Thickness of Seam: 4 $\frac{1}{2}$ feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 50 feet.
Form of Opening: Slope. Size of Slope: 6ft. by 8ft. Length of Slope: 100 feet.
Truck mine.

William Jones—Mine No. 953

Mine Office: Forestburg, Alberta.
Overman: William Jones.
Mine Surveyor: David Jones.
Location of Mine: L.S. 8, Sec. 32, Tp. 40, Rge. 15, W. 4th Mer.
Thickness of Seam: 4 $\frac{1}{2}$ feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 34 feet.
Form of Opening: Shaft. Size of Shaft: 5ft. by 5ft. Depth of Shaft: 34 feet.
Truck mine.

J. F. Cordel—Mine No. 1046

Mine Office: Halkirk, Alberta.
Overman: J. H. Ainsworth.
Mine Surveyor: David Jones.
Location of Mine: L.S. 6, Sec. 20, Tp. 40, Rge. 15, W. 4th Mer.
Thickness of Seam: 8 feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 25 to 40 feet.
Form of Opening: Slope. Size of Slope: 125 feet in length.
Truck mine.

Chas. Strader—Mine No. 1062

Mine Office: Halkirk, Alberta.
Overman: Chas. Strader.
Mine Surveyor: David Jones.
Location of Mine: L.S. 4, Sec. 17, Tp. 39, Rge. 15, W. 4th Mer.
Thickness of Seam: 5 $\frac{1}{2}$ feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 35 to 75 feet.
Form of Opening: Drift. Size of Drift: 6ft. by 8ft.
Truck mine.

Anthony O'Brien—Mine No. 1232

Mine Office: Halkirk, Alberta.
Overman: A. O'Brien.
Mine Surveyor: David Jones.
Location of Mine: N.W. $\frac{1}{4}$, Sec. 25, Tp. 40, Rge. 16, W. 4th Mer.
Thickness of Seam: 7 feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 20 to 150 feet.
Form of Opening: Tunnel. Size of Opening: 7ft. by 7ft.
Truck mine.

James Wilkinson—Mine No. 1237

Mine Office: Halkirk, Alberta.
Overman: James Wilkinson.
Mine Surveyor: David Jones.
Location of Mine: L.S. 11, Sec. 8, Tp. 39, Rge. 15, W. 4th Mer.
Thickness of Seam: 5 feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 20 to 50 feet.
Truck mine.

W. T. Phillips—Mine No. 1240

Mine Office: Castor, Alberta.
 Overman: W. T. Phillips.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 1 & 2, Sec. 4,
 Tp. 38, Rge. 14, W. 4th Mer.
 Thickness of Seam: 4½ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 46 feet.
 Form of Opening: Slope. Size of Open-
 ing: 5ft. by 5ft. Length of Slope:
 150 feet.
 Truck mine.

Thomas Mitchinson—Mine No. 1248

Mine Office: Donalda, Alberta.
 Overman: Thomas Mitchinson.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 5, Sec. 29, Tp. 41,
 Rge. 17, W. 4th Mer.
 Thickness of Seam: 4 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 25 to 150 feet.
 Form of Opening: Drift. Size of Open-
 ing: 6ft. by 8ft.
 Truck mine.

Joseph Haden—Mine No. 1343

Mine Office: Castor, Alberta.
 Overman: Joseph Haden.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 3 and 6, Sec. 3,
 Tp. 38, Rge. 14, W. 4th Mer.
 Thickness of Seam: 6 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 20 feet.
 Stripping operation. Truck mine.

James Bradley—Mine No. 1349

Mine Office: Foreman, Alberta.
 Overman: James Bradley.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 16, Sec. 26, Tp. 40,
 Rge. 16, W. 4th Mer.
 Thickness of Seam: 6½ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 60 feet.
 Form of Opening: Drift. Size of Drift:
 8ft. by 8ft.
 Truck mine.

Mrs. Dan Shaw—Mine No. 1361

Mine Office: Castor, Alberta.
 Overman: Thomas Shaw.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 9, Sec. 33, Tp. 37,
 Rge. 14, W. 4th Mer.
 Thickness of Seam: 4ft. 4in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 60 feet.
 Form of Opening: Slope. Size of Slope:
 5ft. by 5ft. Length of Slope: 124 feet.
 Truck mine.

James Easton—Mine No. 1417

Mine Office: Castor, Alberta.
 Overman: James Easton.
 Mine Surveyor: David Jones.
 Location of Mine: N. ½ L.S. 6 and 14,
 Sec. 34, Tp. 37, Rge. 14, W. 4th Mer.
 Thickness of Seam: 5 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 30 to 60 feet.
 Form of Opening: Slope. Size of Slope:
 5ft. by 5ft. Length of Slope: 120 feet.
 Truck mine.

E. Lien—Mine No. 1435

Mine Office: Edberg, Alberta.
 Overman: A. Mitchinson.
 Mine Surveyor: David Jones.
 Location of Mine: S. ½ L.S. 11, Sec. 2,
 Tp. 44, Rge. 19, W. 4th Mer.
 Thickness of Seam: 4ft. 8in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 75 feet.
 Form of Opening: Drift. Size of Drift:
 5ft. by 6ft.
 Truck mine.

Marshall & Heisz Coal Co.—Mine No. 1441

Mine Office: Donalda, Alberta.
 Overman: J. W. Marshall.
 Mine Surveyor: J. W. Marshall.
 Location of Mine: L.S. 12, Sec. 16, Tp. 42,
 Rge. 17, W. 4th Mer.
 Thickness of Seam: 10ft. 10in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 128 feet.
 Form of Opening: Drift. Size of Open-
 ing: 7ft. by 6ft.
 Truck mine.

F. N. Wiltse—Mine No. 1485

Mine Office: Halkirk, Alberta.
 Overman: F. N. Wiltse.
 Mine Surveyor: David Jones.
 Location of Mine: N. ½ L.S. 9, S. ½
 L.S. 16, Sec. 31, Tp. 39, Rge. 15, W.
 4th Mer.
 Thickness of Seam: 5ft. 8in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 50 to 70 feet.
 Form of Opening: Tunnel. Size of Open-
 ing: 5ft. by 6ft.
 Truck mine.

H. C. Muncy—Mine No. 1541

Mine Office: Foreman, Alberta.
 Overman: H. C. Muncy.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 15, Sec. 26, Tp. 40,
 Rge. 16, W. 4th Mer.
 Thickness of Seam: 6 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 65 feet.
 Form of Opening: Shaft. Size of Open-
 ing: 5ft. by 5ft. Depth of Shaft: 65
 feet.
 Truck mine.

Frank E. Wilkinson—Mine No. 1572

Mine Office: Donalda, Alberta.
 Overman: Nicholas Fry.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 5, Sec. 28, Tp. 41,
 Rge. 17, W. 4th Mer.
 Thickness of Seam: 5ft. 3in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 50 to 150 feet.
 Form of Opening: Drift. Size of Open-
 ing: 5ft. by 5ft.
 Truck mine.

Bish Bros.—Mine No. 1578

Mine Office: Forestburg, Alberta.
 Overman: H. B. Campbell.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 15, Sec. 36, Tp. 40,
 Rge. 16, W. 4th Mer.
 Thickness of Seam: 8 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 38 feet.
 Form of Opening: Shaft. Size of shaft:
 5ft. by 7ft. Depth of Shaft, 40 feet.
 Truck mine.

J. J. Mills—Mine No. 1587

Mine Office: Heisler, Alberta.
 Overman: J. J. Mills.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 5, Sec. 22, Tp. 42;
 Rge. 17, W. 4th Mer.
 Thickness of Seam: 8 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 75 feet.
 Form of Opening: Slope. Size of Slope:
 6½ft. by 7ft.
 Truck mine.

**Castor Creek Collieries, Ltd.—
Mine No. 1608**

Mine Office: Castor, Alberta.
 Foreman: William Brown.
 Location of Mine: S. ½ L.S. 6, N. ½
 L.S. 3, Sec. 3, Tp. 38, Rge. 14, W. 4th
 Mer.
 Thickness of Seam: 4½ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: Up to 20 feet.
 Stripping operation. Truck mine.

Alfred Sorkin—Mine No. 1614

Mine Office: Killam, Alberta.
 Overman: Alfred Sorken.
 Location of Mine: L.S. 16, Sec. 26, Tp. 40, Rge. 16 W. 4th Mer.
 Thickness of Seam: 6½ feet.
 Inclination of Seam: Horizontal.
 Stripping operation. Truck mine.

CHAMPION AREA**A. Fraser & Sons—Mine No. 758**

Mine Office: Carmangay, Alberta.
 Overman: A. Fraser.
 Mine Surveyor: J. F. Hamilton.
 Location of Mine: N.W. ¼ L.S. 14, Sec. 25, Tp. 14, Rge. 22, W. 4th Mer.
 Thickness of Seam: 2 to 2½ feet.
 Inclination of Seam: Undulating.
 Thickness of Cover: 85 feet.
 Form of Opening: Drift.
 Truck mine.

A. M. S. McGaw—Mine No. 1509

Mine Office: Champion, Alberta.
 Overman: A. M. S. McGaw.
 Mine Surveyor: J. F. Hamilton.
 Location of Mine: L.S. 16, Sec. 33, Tp. 15, Rge. 23, W. 4th Mer.
 Thickness of Seam: 3ft. to 3ft. 4in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 65 feet.
 Form of Opening: Slope. Size of Opening: 6ft. by 5ft. Length of Slope: 155 feet.
 Truck mine.

Mike Popovich—Mine No. 1565

Mine Office: Champion, Alberta.
 Overman: W. E. Watkins.
 Mine Surveyor: J. F. Hamilton.
 Location of Mine: L.S. 9, Sec. 8, Tp. 16, Rge. 13, W. 4th Mer.
 Thickness of Seam: 3ft 8in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 105 feet.
 Form of Opening: Slope. Size of Slope: 6ft. by 6ft. Length of Slope: 250 feet.
 Truck mine.

COALSPUR AREA**The Sterling Collieries Co., Ltd.—Mine No. 769**

Authorized Capital: \$500,000.
 Name of President: R. H. Munson.
 Names of Directors: C. B. Munson, R. H. Milner, W. F. Stevenson, S. W. Field, F. J. Mitchell.
 Name of Secretary-Treasurer: F. J. Mitchell.
 Head Office: 912 McLeod Building, Edmonton, Alberta.
 Mine Office: Sterco, Alberta.
 Manager: J. Halroyd.
 Mine Surveyor: R. H. Watson.
 Location of Mine: L.S. 12, Sec. 35, Tp. 47, Rge. 20, W. 5th Mer.
 Thickness of Seam: 50 to 120 feet.
 Thickness of Cover: 15 to 75 feet.
 Open pit strip operation, Mine on Canadian Railway.

The Foothills Collieries, Ltd.—Mine No. 771

Authorized Capital: \$300,000.
 Name of President: A. E. Windatt.
 Names of Directors: E. H. Bennest, Vice-President; Hon. S. R. Vereker, F. S. Andrews, H. Wallace.
 Name of Secretary-Treasurer: C. D. Shepard.
 Office of Secretary: 222 Portage Ave., Winnipeg, Man.
 Mine Office: Foothills, Alberta.
 General Manager: A. E. Windatt.
 Asst. General Manager: W. L. Hammett.
 Mine Manager: Wm. Morris.

Mine Surveyor: L. C. Stevens.
 Overman: G. E. Deere.
 Firebosses: J. E. Mitchell, P. Kiernan, E. Griffiths.
 Location of Mine: L.S. 10, Sec. 24, Tp. 47, Rge. 20, W. 5th Mer.
 Thickness of Seam: 9 feet.
 Inclination of Seam: 20 to 25 degrees.
 Thickness of Cover: 820 feet.
 Form of Opening: Slope. Size of Slope: 10ft. by 12ft. Length of Slope: 1,650 ft.
 Mine on C.N.R.

Lakeside Coals, Ltd.—Mine No. 775

Authorized Capital: \$660,000.
 Name of President: E. A. McBain.
 Names of Directors: E. A. McBain, W. W. McBain, W. A. McBain, W. Foster.
 Name of Secretary: W. A. McBain.
 Head Office: 93rd St. and Jasper Ave., Edmonton, Alberta.
 Mine Office: Robb, Alberta.
 Mine Surveyor: Wm. Foster.
 Mine Manager: John Brady.
 Overman: Dan Jones.
 Firebosses: W. Birrell, Wm. Thirwell, E. Bryant, W. Harrop.
 Location of Mine: L.S. 3, Sec. 14, Tp. 49, Rge. 21, W. 5th Mer.
 Thickness of Seam: 8ft. 6in.
 Inclination of Seam: 32 degrees.
 Thickness of Cover: 800 feet.
 Form of Opening: Slope. Size of Slope: 8ft. by 11ft. Length of Slope: 1,200 ft.
 Mine on C.N.R.

McLeod River Hard Coal Co. (1941), Ltd.—Mine No. 846

Authorized Capital, 100,000 share without nominal or par value.
 Name of President: J. A. Boyd.
 Names of Directors: J. A. Boyd, R. W. Steele, Arthur Cross, George Kidd, Gordon Cockshutt.
 Name of Secretary-Treasurer: S. V. Isaacson.
 Head Office: Toronto, Ont.
 Mine Office: Mercoal, Alberta.
 General Manager: H. R. Plommer.
 Mine Manager: Wm. Stevenson.
 Mine Surveyor: Wm. Stevenson.
 Overmen: E. Jones, J. Hall.
 Firebosses: E. Fregren; J. Herpshaw, J. Parry, A. Reynolds.
 Location of Mine: L.S. 5 Sec. 25, Tp. 48, Rge. 22, W. 5th Mer.
 Thickness of Seam: 11 feet.
 Inclination of Seam: 33 degrees.
 Thickness of Cover: 600 feet.
 Form of Opening: Slope. Size of Opening: 6ft. by 8ft. Length of Slope: 1,000 ft.
 Mine on C.N.R.

Coal Valley Mining Co., Ltd.—Mine No. 1002

Authorized Capital: \$1,000,000.
 Name of President: (Mrs.) Annette L. Barry.
 Names of Directors: Mrs. A. L. Barry, P. H. Cote, A. J. McCormach, Hon. A. Blais, M.D., C. E. Davignon, E. T. Bishop, K.C., C. H. Branchaud, G. A. Thibault.
 Name of Secretary-Treasurer: Paul H. Cote.
 Head Office: 705 McLeod Building, Edmonton, Alberta.
 Mine Office: Coal Valley, Alberta.
 General Manager: Mrs. A. L. Barry.
 Mine Manager and Surveyor: L. G. Chavignaud.
 Location of Mine: L.S. 16, Sec. 26, Tp. 47, Rge. 20, W. 5th Mer.
 Thickness of Seam: Indefinite.
 Thickness of Cover: 15 to 75 feet.
 Stripping operation on C.N.R.

Thirty-two Collieries, Ltd.—Mine No. 1157

Authorized Capital: \$100,000.
 Name of President: David Millar.

Names of Directors: D. Millar, A. M. Matheson, B. A. Ogilvie.
 Name of Secretary: A. M. Matheson.
 Head Office: 308 Agency Building, Edmonton, Alberta.
 Mine Office: Mile 32, Robb, Alberta.
 Mine Manager: David Millar.
 Mine Surveyor: L. C. Stevens.
 Location of Mine: L.S. 11, Sec. 15, Tp. 49, Rge. 21, W. 5th Mer.
 Thickness of Seam: 10ft. 8in.
 Inclination of Seam: $36^{\circ}40'$.
 Thickness of Cover: 450 feet.
 Form of Opening: Slope. Size of Slope: 9ft. by 12ft. Length of Slope: 500 ft.
 Mine on C.N.R.

CROWSNEST AREA

West Canadian Collieries, Ltd.— Mine No. 87

Authorized Capital: \$3,600,000.
 Name of President: Edouard Rasson.
 Names of Directors: A. E. Whitmore, Hon. Chas. Dunning, Da Silva Ramos, De Gaspe Beaubien.
 Name of Secretary-Treasurer: J. A. Brusset.
 Head Office: 833 Salisbury House, London, E.C. 2, England.
 Mine Office: Bellevue, Alberta.
 General Manager: J. A. Brusset.
 Mine Manager: M. H. Congdon.
 Mining Engineers or Surveyors: F. W. Utley and R. G. Foot.
 Overman: Dan Rees.
 Firebosses: H. Smith, D. Hutton, J. Shevels, W. Prescott, S. Richards, J. R. McLeod, H. Kaye, K. Wollney, D. Morris, I. Hutton, C. Young, G. Cousins, A. Grant, A. Emmerson.
 Location of Mine: L.S. 10, Sec. 20, Tp. 7, Rge. 3, W. 5th Mer.
 Thickness of Seam: 12 feet.
 Inclination of Seam: 10 to 48 degrees.
 Thickness of Cover: 775 feet.
 Form of Opening: Adit level.
 Mine on C.P.R.

International Coal & Coke Co., Ltd.— Mine No. 88

Authorized Capital: \$3,000,000.
 Name of President: Lorne A. Campbell.
 Names of Directors: L. A. Campbell, Hugh Davidson, H. A. Goward, G. M. Warren, A. F. Short, James Black, W. M. Lindsay, A. L. Johnson.
 Name of Secretary: A. F. Short.
 Name of Treasurer: J. Emmerson.
 Superintendent: J. J. McIntyre.
 Mine Manager: James Kellock.
 Mine Surveyor: A. A. Fraser.
 Overman: A. J. Brown.
 Firebosses: N. Fleming, J. C. Richards, T. Flynn, A. Jones, J. Moore, B. Bond, A. Tiberghien, H. Hillary, W. Fraser, Jr., J. Davies, J. Marconi, T. Mitchell.
 Location of Mine: L.S. 11, Sec. 8, Tp. 8, Rge. 4, W. 5th Mer.
 Thickness of Seams: No. 2 Seam, 11 feet; No. 4 Seam, 5 feet.
 Inclination of Seam: 30 degrees.
 Thickness of Cover: 1,200 feet.
 Form of Opening: Rock tunnel. Size of Opening: 6ft. by 9ft. Length of Slope: 2,400 feet.
 Mine on C.P.R.

Hillcrest-Mohawk Collieries, Ltd.— Mine No. 133

Authorized Capital: \$1,250,000.
 Name of President: Frank J. Turville.
 Names of Directors: F. J. Turville, T. M. Carlyle, W. L. Carlyle, Geo. Montgomery, F. J. Harquail, Eric Richardson, A. J. Davies, A. C. Johnson.
 Name of Secretary: Frank J. Harquail.
 Names of Joint Treasurers: Eric Richardson and F. J. Harquail.
 Head Office: 903 Lancaster Building, Calgary, Alberta.

Mine Office: Bellevue, Alberta.
 General Manager: D. B. Young.
 Mine Manager: Henry Miller.
 Mine Surveyor: M. Piard.
 Overman: J. Ironmonger.
 Firebosses: Jas. Sinclair, Alfred White, John Shearer, John McDade, Richard Clarke, Ernest Fisher, John Curray, Dan Kyle, Joe Hillary.
 Location of Mine: S.E. $\frac{1}{4}$, Sec. 21, Tp. 7, Rge. 3, W. 5th Mer.
 Thickness of Seam: 10 to 16 feet.
 Inclination of Seam: 10 to 45 degrees.
 Thickness of Cover: 1,000 feet.
 Form of Opening: Rock tunnel.
 Mine on C.P.R.

Frank Holmes—Mine No. 199

Mine Office: Beaver Mines, Alberta.
 Overman: M. Wood.
 Location of Mine: L.S. 10, Sec. 3, Tp. 6, Rge. 3, W. 5th Mer.
 Thickness of Seam: 6 feet.
 Inclination of Seam: 25 to 35 degrees.
 Thickness of Cover: 250 feet.
 This mine being re-opened.

McGillivray Creek Coal & Coke Co., Ltd.—Mine No. 204

Authorized Capital: \$3,000,000.
 Name of President: Lorne A. Campbell;
 Vice-President, A. F. Short.
 Names of Directors: L. A. Campbell, H. A. Thoeny, H. A. Howard, G. M. Warren, W. M. Lindsay, A. L. Johnson, A. F. Short.
 Name of Secretary: A. F. Short.
 Name of Treasurer: S. C. Short.
 Mine Office: Coleman, Alberta.
 Mine Manager: L. M. McDonald.
 Mine Surveyor: A. E. Graham.
 Overman: H. Hulbert and J. Jackson, Sr.
 Firebosses: E. Allen, A. Beveridge, A. Galbraith, W. Hopkins, A. Hughes, I. A. James, R. Morris, A. McCulloch, T. McGregor, R. Parry, A. Rear, P. Smith.
 Location of Mine: S.W. $\frac{1}{4}$ L.S. 2, Sec. 17, Tp. 8, Rge. 4, W. 5th Mer.
 Thickness of Seam: 10 feet.
 Inclination of Seam: 25 degrees.
 Thickness of Cover: 1,600 feet.
 Form of Opening: Slope. Size of Slope: 7ft. by 10ft. Length of Slope: 3,800 ft.
 Mine on C.P.R.

B. A. Wilson—Mine No. 295

Mine Office: Pincher Creek, Alberta.
 General Manager and Surveyor: M. G. Thynas.
 Overman: M. Wood.
 Location of Mine: L.S. 11, Sec. 10, Tp. 5, Rge. 1, W. 5th Mer.
 Thickness of Seam: 7 feet.
 Inclination of Seam: 25 to 35 degrees.
 Thickness of Cover: 250 feet.
 Form of Opening: Rock tunnel. Size of Opening: 6ft. by 8ft.
 Mine now abandoned.

West Canadian Collieries, Ltd.— Mine No. 396

Same particulars as for Mine No. 87.
 Mine Office: Blairmore, Alberta.
 Mine Manager: H. Blake.
 Mine Surveyor: T. E. Morgan.
 Overman: Marshall T. Hamilton.
 Firebosses: S. Patterson, W. North, C. C. Millar, John McAndrew, Jr., Wm. Patterson, Stanley Price, C. Cartwright, J. Patterson, A. Womersley, J. Maddison, James Lloyd, R. Draper, M. Aschacker.
 Location of Mine: L.S. 10, Sec. 2, Tp. 8, Rge. 4, W. 5th Mer.
 Thickness of Seam: 5 to 16 feet.
 Inclination of Seam: 40 degrees.
 Thickness of Cover: 1,000 feet.
 Form of Opening: Adit level.
 Mine on C.P.R.

**West Canadian Collieries, Ltd.—
Mine No. 1584**

Same particulars.

Location of Mine: L.S. 15, Sec. 31, Tp. 6,
Rge. 3, W. 5th Mer.

DRUMHELLER AREA

Rosedale Collieries, Ltd.—Mine No. 346

Authorized Capital: 20,000 shares, no par value.

Name of President: John R. Brodie.

Names of Directors: J. R. Brodie, B. C. Parker, H. F. Liggins, F. H. Nord, J. F. Harvie.

Name of Secretary-Treasurer: J. Frank Harvie.

Head Office: 909 Lancaster Building, Calgary, Alberta.

Mine Office: Rosedale, Alberta.

Manager: Thos. O'Donnell.

Mine Manager: Wm. Barclay.

Mine Surveyor: Thos. O'Donnell.

Overman: D. Jones.

Firebosses: T. McDonald, J. Gallagher, W. Hibbert, A. Rappel.

Location of Mine: L.S. 14, Sec. 28, Tp. 28,
Rge. 19, W. 4th Mer.

Thickness of Seam: 4 to 5 feet.

Inclination of Seam: Horizontal.

Thickness of Cover: 150 feet.

Form of Opening: Shaft. Size of Shaft,
11ft. by 15ft.. Depth of Shaft: 45 ft.

Midland Coal Mining Co.—Mine No. 367

Authorized Capital: \$50,000.

Name of President and Managing Director: Mrs. S. L. McMullen.

Names of Directors: Mrs. S. L. McMullen, G. T. Richards, W. R. Sandercock.

Name of Secretary: S. G. McMullen.

Head Office: Drumheller, Alberta.

Mine Office: Midlandvale, Alberta.

General Manager: G. T. Richards.

Mine Manager: A. G. Macaulay.

Mine Surveyor: A. G. Macaulay.

Overman: J. McCutcheon.

Firebosses: M. Morel, W. B. Henry, H. Looten, J. Oxbury, A. McKinnon, M. Bobrosky, T. Gibson.

Location of Mine: L.S. 10 and 11, Sec. 9,
Tp. 29 Rge. 20, W. 4th Mer.

Thickness of Seam: 5½ feet.

Inclination of Seam: Horizontal.

Thickness of Cover: Up to 520 feet.

Form of Opening: Shaft. Size of Shaft:
9ft. by 19ft. Depth of Shaft: 135 feet.

Mine located on C.N.R.

**Red Deer Valley Coal Co., Ltd.—
Mine No. 402**

Authorized Capital: \$347,000.

Name of President: Miss Edith Howland.

Names of Directors: Miss Edith Howland, W. S. Howland, H. J. Scott.

Name of Secretary: H. J. Scott.

Head Office: 227a 8th Ave. W., Calgary, Alberta.

Mine Office: Nacmine, Alberta.

General Manager: H. J. Scott.

Mine Manager: Idwal N. Potter.

Mine Surveyor: Gordon L. Kidd.

Overmen: George Lavis, Robert Dunn.

Firebosses: R. Clack, H. Potter, G. Cum-

berford, M. Trevethin, J. Young.

Location of Mine: N.E. ¼ Rd. Allow.

Sec. 7, Tp. 29, Rge. 20, W. 4th Mer.

Thickness of Seam, 5 feet.

Inclination of Seam: Horizontal.

Thickness of Cover: Up to 550 feet.

Form of Opening: Shaft. Size of Shaft:

15ft. by 8ft. Depth of Shaft: 185 feet.

Mine located on C.P.R.

Commander Coal Co.—Mine No. 422

Authorized Capital: \$20,000.

Name of President: Dr. O. H. Patrick.

Names of Directors: Dr. O. H. Patrick, L. Patrick, Mrs. L. F. Patrick, Mrs.

G. Patrick, Mrs. L. Eaton.

Name of Secretary: L. Patrick.

Mine Office: Drumheller, Alberta.

Mine Manager: H. W. Clark.

Mine Surveyor: H. W. Clark.

Firebosses: A. Keith, C. Boughton, W. Morse.

Location of Mine: L.S. 5, Sec. 9, Tp. 29,
Rge. 20, W. 4th Mer.

Thickness of Seam: 5½ feet.

Inclination of Seam: Horizontal.

Thickness of Cover: Up to 520 feet.

Form of Opening: Shaft. Size of Shaft:
14ft. by 8ft. Depth of Shaft: 160 feet.

Mine located on C.P.R.

**Rosedale Collieries, Ltd. (Star Mine)
—Mine No. 436**

Same particulars as for No. 346.

Mine Office: Aerial, Alberta.

Mine Surveyor and Mine Manager: Thos. O'Donnell.

Overman: Wm. McFegan.

Firebosses: I. Radocy and E. Davies.

Location of Mine: S.E. ¼ L.S. 7, Sec. 28,
Tp. 28, Rge. 19, W. 4th Mer.

Thickness of Seam: 5½ feet.

Inclination of Seam: Horizontal.

Thickness of Cover: 150 feet.

Form of Opening: Level. Size of Level:
6ft. by 9ft.

Newcastle Collieries, Ltd.—Mine No. 620

Authorized Capital: \$300,000.

Name of President: G. N. Coyle.

Name of Vice-President: Wilson Gouge.

Names of Directors: Jesse Gouge, Wilson Gouge, G. N. Coyle.

Name of Secretary-Treasurer: Jesse Gouge.

General Manager: Wilson Gouge.

Mine Office: Drumheller, Alberta.

Mine Manager and Surveyor: A. Hamilton.

Overman: J. Conlin.

Firebosses: R. Forshaw, W. Kay, N.

Blackett, R. Dunn, A. Armstrong.

Location of Mine: N.W. ¼, Sec. 3, Tp. 29,
Rge. 20, W. 4th Mer.

Thickness of Seam: 5 feet.

Inclination of Seam: Horizontal.

Thickness of Cover: 450 to 490 feet.

Form of Opening: Shaft. Size of Shaft:
9ft. by 16ft. Depth of Shaft: 120 feet.

Mine located on C.N.R.

Mape Leaf Minerals, Ltd.—Mine No. 728

Authorized Capital: \$500,000.

Name of President: Wilson Gouge.

Names of Directors: Wilson Gouge, Jesse Gouge, Helen Gibson.

Name of Secretary-Treasurer: Jesse Gouge.

Head Office: Drumheller, Alberta.

Mine Office: East Coulee, Alberta.

General Manager: Jesse Gouge.

Mine Manager: Robert Tennant.

Mine Surveyor: Allan Hamilton.

Overman: A. Thompson.

Firebosses: R. Raisbeck, Robt. Steven-

son, R. Noblett, W. McFegan.

Location of Mine: L.S. 13, Sec. 32, Tp. 27,

Rge. 18, W. 4th Mer.

Thickness of Seam: 5ft. 6in.

Inclination of Seam: Horizontal.

Thickness of Cover: Up to 325 feet.

Form of Opening: Drift.

Mine located on C.P.R.

Ben Pickering—Mine No. 764

Mine Office: Beynon, Alberta.

Overman: Ben Pickering.

Mine Surveyor: Gordon L. Kidd.

Location of Mine: W. ½ L.S. 2, L.S. 3,
Sec. 6, Tp. 28, Rge. 20, W. 4th Mer.

Thickness of Seam: 3ft. 4in.

Inclination of Seam: Horizontal.

Thickness of Cover: 75 feet.

Form of Opening: Slope. Size of Slope:
5ft. by 6ft. Length of Slope: 30 feet.

E. Denio—Mine No. 815

Mine Office: Drumheller, Alberta.
 Overman: E. Denio.
 Mine Surveyor: Gordon L. Kidd.
 Location of Mine: L.S. 13, Sec. 33, Tp. 27, Rge. 21, W. 4th Mer.
 Thickness of Seam: 3 ft. 7 in.
 Inclination of Seam: Horizontal.
 Form of Opening: Tunnel. Length of Tunnel: 30 feet.

Ideal Coal Co., Ltd.—Mine No. 844

Authorized Capital: \$150,000.
 Name of President: Thomas M. McGuckie.
 Name of Director: Thomas M. McGuckie.
 Name of Secretary-Treasurer: Mrs. E. Bandel.
 Name of Manager: Thomas M. McGuckie.
 Mine Surveyor: Duncan McDonald.
 Mine Office: Wayne, Alberta.
 Location of Mine: L.S. 16, Sec. 1, Tp. 28, Rge. 20, W. 4th Mer.
 Thickness of Seam: 5 ft. 5 in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 150 feet.
 Form of Opening: Slope. Size of Opening: 8 ft. by 14 ft. Length of Slope: 160 feet.
 Mine located on C.N.R.

O. W. Whittaker—Mine No. 1117

Mine Office: Beynon, Alberta.
 Overman: O. W. Whittaker.
 Mine Surveyor: Gordon L. Kidd.
 Location of Mine: L.S. 3, Sec. 6, Tp. 28, Rge. 20, W. 4th Mer.
 Thickness of Seam: 3 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 75 feet.
 Form of Opening: Slope.

Brilliant Coal Company—Mine No. 1258

Mine Office: Drumheller, Alberta.
 Name of Secretary: G. H. Chambers.
 Mine Manager: Russell Richards.
 Overman: J. Saunt.
 Mine Surveyor: Gordon L. Kidd.
 Firebosses: A. Kluzza, J. Zambo.
 Location of Mine: L.S. 14, Sec. 10, Tp. 29, Rge. 20, W. 4th Mer.
 Thickness of Seam: 6 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 450 to 490 feet.
 Form of Opening: Shaft and slope. Size of Shaft: 8 ft. by 12 ft., 120 feet in depth. Size of Slope: 6 feet.
 Mine located on C.N.R.

Empire Collieries, Ltd.—Mine No. 1299

Authorized Capital: \$50,000.
 Name of President: J. W. Moyer.
 Names of Directors: J. W. Moyer, M. B. Peacock, E. A. Dunbar, B. K. Bullock, O. G. McNabb.
 Name of Secretary-Treasurer: O. G. McNabb.
 Head Office: 506 Lancaster Building, Calgary, Alberta.
 Mine Office: East Coulee, Alberta.
 General Manager: J. W. Moyer.
 Mine Manager: Robert Dunn.
 Mine Surveyor: L. C. Stevens.
 Overman: P. Barclay.
 Firebosses: W. Kay and P. Hunt.
 Location of Mine: L.S. 2, Sec. 32, Tp. 27, Rge. 18, W. 4th Mer.
 Thickness of Seam: 5½ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 325 feet.
 Form of Opening: Adit 5½ by 10 ft.
 Mine located on C.P.R.

Hy-Grade Coal Mining Co., Ltd.—Mine No. 1421

Authorized Capital: \$100,000.
 Name of President: Robert McKay.
 Names of Directors: Robert McKay; J. G. Dewar, F. J. Whitlock.

Name of Secretary-Treasurer: F. J. Whitlock.

Acting General Manager: F. J. Whitlock.
 Mine Manager: John T. Burton.
 Overman: P. J. Murphy.
 Mine Surveyor: A. G. Macaulay.
 Firebosses: W. Mackie, W. Menzies, R. Forshaw, J. Taylor, E. Thomas.
 Location of Mine: L.S. 13, Sec. 11, Tp. 29, Rge. 20, W. 4th Mer.
 Thickness of Seam: 4 to 5 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: Approximately 500 feet.
 Form of Opening: Shaft. Size of Shaft: 9 ft. by 15 ft. Depth of Shaft: 88 feet.
 Mine located on C.N.R.

The Monarch Coal Mining Co., Ltd.—Mine No. 1473

Authorized Capital: \$70,000.
 Name of President: E. A. Lovett.
 Names of Directors: E. A. Lovett, P. R. Shields, T. C. Boyd, E. B. Gibb, H. A. Lovett, K. C.
 Name of Secretary-Treasurer: E. B. Gibb.
 Head Office: Wells Block, 405 8th Ave. W., Calgary, Alberta.
 Mine Office: Drumheller, Alberta.
 General Manager: E. A. Lovett.
 Mine Manager: A. Wilson.
 Mine Surveyor: A. Wilson.
 Overman: J. Barrie.
 Firebosses: G. Anderson, H. Darbyshire, M. Stevenson, F. Simpson, J. Fulton, R. Marsarn.
 Location of Mine: L.S. 7, Sec. 8, Tp. 29, Rge. 20, W. 4th Mer.
 Thickness of Seam: 5 ft. 8 in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 520 feet.
 Form of Opening: Slope. Size of Slope: 6 ft. by 9 ft. Length of Slope: 600 feet.
 Mine on C.P.R.

Regal Coal Co., Ltd.—Mine No. 1484

Same particulars as for Mine No. 422.
 Mine Office: East Coulee, Alberta.
 Mine Manager: H. Wilton Clark.
 Overman: James Quinn.
 Firebosses: A. B. Raisbeck, J. Raisbeck, A. Andrews, R. Chalmers, R. Ressig, J. Bachynski.
 Location of Mine: N.W. ¼ L.S. 13, Sec. 21, Tp. 27, Rge. 18, W. 4th Mer.
 Thickness of Seam: 5 ft. 6 in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 325 feet.
 Form of Opening: Drift. Size of Opening: 7 ft. by 16 ft.
 Mine on C.P.R.

Murray Collieries, Ltd.—Mine No. 1491

Authorized Capital: \$100,000.
 Name of President: H. K. Reed.
 Names of Directors: H. K. Reed, H. H. McVeigh.
 Name of Secretary-Treasurer: H. K. Reed.
 Head Office: Drumheller, Alberta.
 Mine Office: East Coulee, Alberta.
 General Manager: H. H. McVeigh.
 Mine Manager: Duncan McDonald.
 Mine Surveyor: Gordon L. Kidd.
 Overman: George Nicol.
 Firebosses: J. Cotterill, R. Steven, A. James, Martin Stanko.
 Location of Mine: S.E. ¼, Sec. 29, Tp. 27, Rge. 18, W. 4th Mer.
 Thickness of Seam: 5 ft. 2 in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 325 ft. max.
 Form of Opening: Tunnel. Size of Opening: 16 ft. by 7 ft.
 Mine on C.P.R.

Western Gem & Jewel Collieries, Ltd.—Mine No. 1493

Authorized Capital: \$750,000.
 Name of President: W. S. Henderson.

Names of Directors: J. D. Henderson, Stewart Robertson, W. P. Camble, W. B. Cromarty, J. F. Baron.
 Name of Secretary-Treasurer: J. D. Henderson.
 Head Office: 227 8th Ave. W., Calgary, Alberta.
 Mine Office: Cambria P.O., Alberta.
 Managing Director: W. S. Henderson.
 Mine Manager: John Robertson.
 Mine Surveyor: J. R. Whigham-Teasdale.
 Overman: F. Scarpino.
 Firebosses: K. Klatt, T. Coxon, T. Gordon, J. Redpath.
 Location of Mine: N.W. $\frac{1}{4}$ L.S. 6, Sec. 15, Tp. 28, Rge. 19, W. 4th Mer.
 Thickness of Seam: 5 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 200 feet.
 Form of Opening: Drift. Size of Opening: 6ft. by 9ft.

Aetna Coal Co.—Mine No. 1511

Head Office: Drumheller, Alberta.
 Mine Office: East Coulee, Alberta.
 Mine Manager: P. M. Ramsay.
 Mine Surveyor: A. Hamilton.
 Fireboss: R. Niblett.
 Location of Mine: L.S. 1, Sec. 22, Tp. 28, Rge. 19, W. 4th Mer.
 Thickness of Seam: 7 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 400 feet max.
 Form of Opening: Drift. Size of Opening: 6ft. by 9ft.
 Mine on C.P.R.

E. B. Foye—Mine No. 1515

Mine Office: Willow Creek, Alberta.
 Overman: E. B. Foye.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 10, Sec. 22, Tp. 28, Rge. 18, W. 4th Mer.
 Thickness of Seam: $3\frac{1}{2}$ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 400 feet.
 Form of Opening: Drift. Size of Opening: 5ft. by 6ft.
 Truck mine.

The Minute Coal Co.—Mine No. 1520

Name of Secretary-Treasurer: J. A. McKenzie.
 Mine Office: Drumheller, Alberta.
 General Manager: J. A. McKenzie.
 Overman: B. T. Brooks.
 Mine Surveyor: A. G. Macaulay.
 Location of Mine: L.S. 7, Sec. 14, Tp. 29, Rge. 20, W. 4th Mer.
 Thickness of Seam: $5\frac{1}{2}$ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 200 feet.
 Form of Opening: Tunnel. Size of Opening: 5ft. by 6ft.
 Truck to C.N.R.

Sovereign Coal Co., Ltd.—Mine No. 1570

Head Office: 703 Canada Bldg., Saskatoon, Sask.
 Mine Office: Wayne, Alberta.
 General Manager: W. A. Doyle.
 Overman: Neil Morrison.
 Mine Surveyor: A. G. Macaulay.
 Location of Mine: N.E. $\frac{1}{4}$ L.S. 8, Sec. 7, Tp. 28, Rge. 19, W. 4th Mer.
 Thickness of Seam: 9 feet.
 Inclination of Seam: Horizontal.
 New prospect opening up.

The Monarch Coal Mining Co., Ltd.—Mine No. 1573

Same particulars as for Mine No. 1473.
 Overman: A. Hooks.
 Firebosses: R. Cowan, I. Folden, P. Hutchison.
 Location of Mine: L.S. 1, Sec. 20, Tp. 27, Rge. 18, W. 4th Mer.

John Hamilton—Mine No. 1583

Mine Office: Delia, Alberta.
 Overman: John Hamilton.
 Mine Surveyor: J. R. Whigham-Teasdale.
 Location of Mine: L.S. 8 and 9, Sec. 23, Tp. 28, Rge. 18, W. 4th Mer.
 Thickness of Seam: 3ft. 5in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 300 feet.
 Form of Opening: Drift. Size of Opening: 6ft. by 7ft.
 Truck mine.

Arcadia Coal Mines, Ltd.—Mine No. 1589

Same particulars as for Empire Collieries, Ltd.
 Overman: R. Stevenson.
 Mine Surveyor: Gordon L. Kidd.
 Location of Mine: L.S. 16, Sec. 7, Tp. 28, Rge. 18, W. 4th Mer.
 Thickness of Seam: 2ft. 10in.
 Inclination of Seam: Horizontal.
 New mine being opened out.

Burn-Brite Coal Co.—Mine No. 1599

Mine Office: Drumheller, Alberta.
 Manager: J. Stenhouse.
 Mine Surveyor: A. G. Macaulay.
 Location of Mine: Sec. 22, Tp. 28, Rge. 18, W. 4th Mer.
 Thickness of Seam: 3 feet.
 Inclination of Seam: Horizontal.
 Stripping operation. Truck mine.

Dunphy Coal Co.—Mine No. 1601

Mine Office: Drumheller, Alberta.
 Manager: John T. McNeill.
 Mine Surveyor: Gordon L. Kidd.
 Location of Mine: L.S. 6, Sec. 14, Tp. 29, Rge. 21, W. 4th Mer.
 Thickness of Seam: 3ft. 10in.
 Inclination of Seam: Horizontal.
 Stripping operation. Truck mine.

EDMONTON AREA

H. W. Smith (White Star Mine)—Mine No. 29

Mine Office: 10806 84th Ave., Edmonton, Alberta.
 Overman: B. Nugent.
 Mine Surveyor: L. C. Stevens.
 Location of Mine: L.S. 11, Sec. 25, Tp. 51, Rge. 25, W. 4th Mer.
 Thickness of Seam: $4\frac{1}{2}$ to $5\frac{1}{2}$ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 29 to 125 feet.
 Form of Opening: Slope. Size of Opening: 5ft. by 7ft. Length of Slope: 100 feet.
 Truck mine.

Ottewell Coal Co.—Mine No. 91

Authorized Capital: \$25,000.
 Mine Office: Clover Bar, Alberta.
 General Manager: W. J. Ottewell.
 Mine Surveyor: L. C. Stevens.
 Overman: Sam Finlay.
 Location of Mine: S.W. $\frac{1}{4}$ L.S. 4, Sec. 17, Tp. 53, Rge. 23, W. 4th Mer.
 Thickness of Seam: 4 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 55 feet.
 Form of Opening: Shaft. Size of Opening: 7ft. by 8ft. Depth of Shaft: 55 ft.

Great West Coal Co., Ltd.—Mine No. 99

Authorized Capital: \$150,000.
 Name of President: James C. Dunn.
 Names of Directors: J. C. Dunn, W. S. Cupples, A. C. Dunn.
 Name of Secretary-Treasurer: Thomas S. Campbell.
 Head Office: 10117 100A St., Edmonton, Alberta.
 Mine Office: Clover Bar, Alberta.
 Mine Manager: Robert Dalziel.
 Mine Surveyor: A. C. Dunn.
 Overman: D. R. Thomas.

Firebosses: R. McAndrew; J. Chalmers.
A. Johnson, W. Dalziel, J. D. Thomson.

Location of Mine: S.E. $\frac{1}{4}$ L.S. 10, Sec. 7,
Tp. 53, Rge. 23, W. 4th Mer.
Thickness of Seam: 4 to 7 feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 135 feet.
Form of Opening: Two shafts and two
slopes. Main Slope: 6ft. by 10ft.
Length of Slope: 456 feet.

John Camarta (Alberta Coal Mine)
—Mine No. 129

Mine Office: Cardiff, Alberta.
Overman: J. Camarta.
Mine Surveyor: L. C. Stevens.
Location of Mine: L.S. 16, Sec. 23, Tp. 55,
Rge. 25, W. 4th Mer.
Thickness of Seam: 7 feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 32 feet.
Form of Opening: Slope. Size of Open-
ing: 7ft. by 7ft. Length of Slope:
150 feet.
Truck mine.

Dawson Coal, Ltd.—Mine No. 155

Authorized Capital \$20,000.
Name of President: C. A. Hyndman.
Names of Directors: C. A. Hyndman, G.
O. Norris.
Name of Secretary: G. O. Norris.
Name of Treasurer: C. A. Hyndman.
Head Office: McDougall Court, Edmon-
ton, Alberta.
Mine Office: River Lot 25, Edmonton,
Alberta.
General Manager: C. A. Hyndman.
Mine Manager: R. H. Watson.
Overman: David Muir.
Mine Surveyor: L. C. Stevens.
Fireboss: T. Hunter.
Location of Mine: River Lots 25, Rifle
Range, Edmonton.
Thickness of Seam: 4 feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 114 feet.
Form of Opening: Shaft. Size of Shaft:
6ft. by 14ft. Depth of Shaft: 114 feet.
Truck mine.

Frank Chiarello (Legal Coal Mine)
—Mine No. 351

Mine Office: Legal, Alberta.
Overman: Frank Chiarello.
Mine Surveyor: L. C. Stevens.
Location of Mine: S.W. $\frac{1}{4}$, Sec. 25, Tp.
57, Rge. 25, W. 4th Mer.
Thickness of Seam: 5½ to 6 feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 28 feet.
Form of Opening: Shaft. Size of Open-
ing: 6ft. by 8ft. Depth of Shaft: 28 ft.
Truck mine.

Banner Coals, Ltd.—Mine No. 428

Authorized Capital: \$20,000.
Name of President: J. B. Starky.
Name of Secretary: Ethel Mills.
Head Office: 10631 92nd St., Edmonton,
Alberta.
Main Office: Carbondale, Alberta.
General Manager: J. B. Starky.
Mine Manager: N. Howells.
Mine Surveyor: L. C. Stevens.
Overman: Joe Kennedy.
Location of Mine: L.S. 10, Sec. 8, Tp. 55,
Rge. 24, W. 4th Mer.
Thickness of Seam: 5ft. 3in.
Inclination of Seam: Horizontal.
Thickness of Cover: 176 feet.
Form of Opening: Shaft. Size of Shaft:
6ft. by 8ft. Depth of Shaft: 176 feet.
Truck mine and on Northern Alberta Ry.

Bush Mines, Ltd.—Mine No. 707

Authorized Capital: \$40,000.
Name of President: J. B. Harper.
Names of Directors: C. E. Laderoute, H.
S. Southgate.

Name of Secretary-Treasurer: H. S.
Southgate.
Head Office: 108 Agency Bldg., Edmon-
ton, Alberta.
Mine Office: Beverly, Alberta.
General Manager: H. S. Southgate.
Mine Manager: James Clyne.
Mine Surveyor: L. C. Stevens.
Overman: E. Sparrow.
Firebosses: A. Brown, A. Scott.
Location of Mine: River Lot 40, Edmon-
ton Settlement.
Thickness of Seam: 5ft. 4in. to 5ft. 10in.
Inclination of Seam: Horizontal.
Thickness of Cover: 150 feet.
Form of Opening: Shaft. Size of Shaft:
7ft. by 18ft. Depth of Shaft: 150 feet.
Truck mine.

H. Molzan (Black Point Mine)—
Mine No. 1034

Mine Office: Edmonton South, Alberta.
Overman: H. Molzan.
Mine Surveyor: L. C. Stevens.
Location of Mine: L.S. 6, Sec. 25, Tp. 51,
Rge. 25, W. 4th Mer.
Thickness of Seam: 4½ feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 139 feet.
Form of Opening: Slope. Size of Slope:
7ft. by 6ft. Length of Slope: 200 feet.
Truck mine.

Long Coal Co.—Mine No. 1098

Name of President: M. L. Vitaly.
Name of Director: Mrs. M. L. Vitaly.
Name of Secretary: M. L. Vitaly.
Mine Office: Namao, Alberta.
Overman: M. L. Vitaly.
Mine Surveyor: L. C. Stevens.
Location of Mine: S.E. $\frac{1}{4}$ L.S. 4, Sec. 31,
Tp. 54, Rge. 24, W. 4th Mer.
Thickness of Seam: 5ft. 5in. to 7ft.
Inclination of Seam: Horizontal.
Thickness of Cover: 85 feet.
Form of Opening: Drift. Size of Open-
ing: 6ft. by 8ft.
Truck mine.

Mike Sinoski—Mine No. 1233

Authorized Capital: \$4,000.
Name of Secretary-Treasurer: Mike
Sinoski.
Mine Office: Box 4042, South Edmonton,
Alberta.
Mine Surveyor: L. C. Stevens.
Overman: Steve Sinoski.
Location of Mine: L.S. 5, Sec. 25, Tp. 51,
Rge. 25, W. 4th Mer.
Thickness of Seam: 4 to 5½ feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 30 feet.
Form of Opening: Slope. Size of Open-
ing: 6ft. by 6ft. Length of Slope: 72 ft.
Truck Mine.

Edmonton Collieries, Ltd.—Mine No. 1266

Authorized Capital: \$20,000.
Name of President: William G. MacKay.
Names of Directors: W. C. MacKay, W.
G. MacKay, C. C. Down, H. W. Lav-
ton.
Name of Secretary-Treasurer: H. W.
Layton.
Head Office: 10055 101st St., Edmonton,
Alberta.
Mine Office: Namao, Alberta.
General Manager: W. C. MacKay.
Mine Surveyor: L. C. Stevens.
Overman: Alex. Johnstone.
Location of Mine: L.S. 14, Sec. 36, Tp.
54, Rge. 25, W. 4th Mer.
Thickness of Seam: 7ft. 4in.
Inclination of Seam: Horizontal.
Thickness of Cover: 92 feet.
Form of Opening: Slope. Size of Open-
ing: 6ft. by 7ft. Length of Slope:
150 feet.
Located on Northern Alberta Railway;
also truck mine.

Ellerslie Collieries—Mine No. 1297

Mine Office: R.R. No. 3, Edmonton South, Alberta.
 Overman: J. Hutton.
 Mine Surveyor: L. C. Stevens.
 Location of Mine: L.S. 1, Sec. 26, Tp. 51, Rge. 25, W. 4th Mer.
 Thickness of Seam: $4\frac{1}{2}$ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 96 feet.
 Form of Opening: 200 feet. Size of Opening: 6ft. by 8ft. Length of Slope: 200 feet.

Samis Collieries—Mine No. 1316

Name of Secretary: Mrs. O. L. Samis.
 Name of Treasurer: Kenneth E. Samis.
 Mine Office: Namao, Alberta.
 General Manager: Kenneth E. Samis.
 Mine Surveyor: L. C. Stevens.
 Overman: Elmer Fawcett.
 Location of Mine: L.S. 6, Sec. 36, Tp. 54, Rge. 25, W. 4th Mer.
 Thickness of Seam: $7\frac{1}{2}$ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 26 to 80 feet.
 Form of Opening: Slope. Size of Opening: 6ft. by $5\frac{1}{2}$ ft. Length of Slope: 80 feet.
 Truck mine.

Horkulak & Riddock (Twin City Mine)—Mine No. 1352

Mine Office: Edmonton South, Alberta.
 Overman: A. H. Horkulak.
 Mine Surveyor: L. C. Stevens.
 Location of Mine: L.S. 8, Sec. 26, Tp. 51, Rge. 25, W. 4th Mer.
 Thickness of Seam: 5 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 110 feet.
 Form of Opening: Shaft. Size of Opening: 6ft. by 6ft. Depth of Shaft: 110 feet.
 Truck mine.

Red Hot Coal Co., Ltd.—Mine No. 1357

Authorized Capital: \$23,000.
 Name of President: W. Fridel.
 Name of Secretary-Treasurer: J. Lang.
 Mine Office: Forest Heights, Edmonton, Alberta.
 Mine Surveyor: L. C. Stevens.
 Overman: John Thomson.
 Fireboss: C. Crawford.
 Location of Mine: River Lot 33, Edmonton Settlement.
 Thickness of Seam: 4 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 66 to 115 feet.
 Form of Opening: Slope. Size of Opening: $6\frac{1}{2}$ ft. by 6ft. Length of Slope: 180 feet.
 Truck mine.

Beverly Coal Co., Ltd.—Mine No. 1366

Authorized Capital: \$100,000.
 Name of President: E. I. Clarke.
 Names of Directors: E. I. Clarke, E. I. Clarke, Jr., Mrs. E. I. Clarke.
 Name of Secretary: E. I. Clarke, Jr.
 Name of Treasurer: E. I. Clarke.
 Mine Office: Beverly, Alberta.
 General Manager: E. I. Clarke.
 Mine Manager: Thomas Brown.
 Mine Surveyor: L. C. Stevens.
 Overman: J. F. Brown.
 Fireboss: L. A. Williams.
 Location of Mine: L.S. 6, Sec. 13, Tp. 53, Rge. 24, W. 4th Mer.
 Thickness of Seam: 4 to 6 ft.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 160 feet.
 Form of Opening: Rectangular shaft. Size of Shaft: 8ft. by 14ft. Depth of Shaft: 160 feet.
 Truck mine.

Ottewell Coal Co.—Mine No. 1393

Same particulars as for Mine No. 91.
 Overman: Cedric Ottewell.
 Location of Mine: Block X N.E. $\frac{1}{4}$, Sec. 36, Tp. 52, Rge. 24, W. 4th Mer.
 Thickness of Seam: $4\frac{1}{2}$ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 85 feet.
 Form of Opening: Shaft. Size of Shaft: 8ft. by 9ft. Depth of Shaft: 85 feet.
 Truck mine.

Pine Creek Coal Co.—Mine No. 1419

Mine Office: R.R. No. 3, Edmonton South, Alberta.
 Overman: M. Sinoski.
 Mine Surveyor: L. C. Stevens.
 Location of Mine: L.S. 4, Sec. 25, Tp. 51, Rge. 25, W. 4th Mer.
 Thickness of Seam: $4\frac{1}{2}$ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 94 to 127 feet.
 Form of Opening: Shaft. Size of Opening: 7ft. by 7ft. Depth of Shaft: 94 ft.
 Truck mine.

Kent Coal Co., Ltd.—Mine No. 1427

Same particulars as for Mine No. 428.
 Mine Office: Cooking Lake Trail, Edmonton, Alberta.
 Mine Manager: W. T. Worthington.
 Mine Surveyor: L. C. Stevens.
 Overman: Jack Hutton.
 Firebosses: J. Reed and S. Kendrick.
 Location of Mine: L.S. 4, Sec. 30, Tp. 52, Rge. 23, W. 4th Mer.
 Thickness of Seam: 3ft. 9in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 168 feet.
 Form of Opening: Shaft. Size of Opening: 12ft. by 8ft. Depth of Shaft: 168 feet.
 Truck mine.

Riverdale Coal Co., Ltd.—Mine No. 1463

Authorized Capital: \$10,000.
 Name of President: John Mather.
 Names of Directors: John Mather, Ann Mather.
 Name of Sec.-Treasurer: Ann Mather.
 Head Office: 10311 Saskatchewan Drive, Edmonton, Alberta.
 Mine Office: Namao, Alberta.
 General Manager: John Mather.
 Mine Surveyor: David Jones.
 Fireboss: John Mather, Jr.
 Location of Mine: N.E. cor. L.S. 14, Sec. 5, Tp. 55, Rge. 24, W. 4th Mer.
 Thickness of Seam: 5 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 93 feet.
 Form of Opening: Drift. Size of Drift: 5ft. by 5ft.
 Truck mine.

Dickinson, Knight & Dickinson—Mine No. 1476

Mine Office: Carbondale, Alberta.
 Mine Surveyor: L. C. Stevens.
 Overman: Wm. Knight.
 Location of Mine: N.W. $\frac{1}{4}$, Sec. 9, Tp. 55, Rge. 24, W. 4th Mer.
 Thickness of Seam: $5\frac{1}{2}$ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 42 feet.
 Form of Opening: Slope. Size of Opening: 6ft. by 8ft. Depth of Slope: 100 feet.
 Truck mine.

D. J. Gwilliam—Mine No. 1496

Mine Office: Namao, Alberta.
 General Manager: D. J. Gwilliam.
 Overman: W. E. Williams.
 Mine Surveyor: L. C. Stevens.
 Location of Mine: L.S. 3, Sec. 6, Tp. 55, Rge. 24, W. 4th Mer.
 Thickness of Seam: 6 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 60 feet.

Form of Opening: Drift. Size of Drift: 6ft. by 7ft.
Truck mine.

K. Nimko—Mine No. 1560

Mine Office: Edmonton South, Alberta.
Mine Surveyor: L. C. Stevens.
Overman: P. Kelly.
Location of Mine: L.S. 11, Sec. 25, Tp. 51, Rge. 25, W. 4th Mer.
Thickness of Seam: 4 feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 21 to 50 feet.
Form of Opening: Slope. Size of Opening: 6ft. by 6ft. Length of Slope: 35 feet.
Truck mine.

Egg Lake Coal Co.—Mine No. 1582

Mine Office: Morinville, Alberta.
Manager: Thomas Logan.
Location of Mine: N.E. $\frac{1}{4}$, Sec. 36, Tp. 56, Rge. 26, W. 4th Mer.
Depth of Cover: 10 to 20 feet.
Stripping operation. Truck mine.

John G. Mucha—Mine No. 1594

Mine Office: Edmonton South, Alberta.
Overman: John G. Mucha.
Mine Surveyor: R. T. Stewart.
Location of Mine: W. $\frac{1}{2}$ L.S. 13, Sec. 25, Tp. 51, Rge. 25, W. 4th Mer.
Thickness of Seam: 4ft. 8in.
Inclination of Seam: Horizontal.
Thickness of Cover: 20 to 25 feet.
New mine being opened. Truck mine.

GLEICHEN AREA

Blackfoot Indians—Mine No. 72

This mine is operated on the Blackfoot Reserve by the Indians, the entire output being disposed of locally. This Reserve is south of Gleichen.
Form of Opening: Drift. Size of Opening: 6ft. by 7ft.

K. J. Schnepf—Mine No. 299

Mine Office: Rosebud, Alberta.
Mine Surveyor: Gordon L. Kidd.
Overman: K. J. Schnepf.
Location of Mine: S. $\frac{1}{2}$ L.S. 4, Sec. 29, Tp. 26, Rge. 21, W. 4th Mer.
Thickness of Seam: 3 feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 50 feet.
Form of Opening: Slope. Size of Opening: 6ft. by 6ft. Length of Slope: 162 feet.

Standard Coal Mine—Mine No. 1265

Authorized Capital: \$15,000.
Name of President: H. Castella.
Name of Secretary: J. Castella.
Name of Treasurer: H. Castella.
Mine Office: Standard, Alberta.
General Manager: H. Castella.
Mine Surveyor: Gordon L. Kidd.
Overman: J. Castella.
Location of Mine: L.S. 5, Sec. 11, Tp. 25, Rge. 19, W. 4th Mer.
Thickness of Seam: 3ft. 10in.
Inclination of Seam: Horizontal.
Thickness of Cover: 75 feet.
Form of Opening: Slope. Size of Opening: 5ft. by 9ft. Length of Slope: 110 feet.

John Guiney—Mine No. 1431

Mine Office: Rosebud, Alberta.
Overman: John Guiney.
Mine Surveyor: Gordon L. Kidd.
Location of Mine: L.S. 3, Sec. 29, Tp. 26, Rge. 21, W. 4th Mer.
Thickness of Seam: 3 feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 18 to 80 feet.
Form of Opening: Slope. Size of Opening: 8ft. by 10ft. Length of Slope: 125 feet.

Wm. McMillan—Mine No. 1521

Mine Office: Rosebud, Alberta.
Overman: Alex. McMillan.
Mine Surveyor: Gordon L. Kidd.
Location of Mine: L.S. 14, Sec. 20, Tp. 26, Rge. 21, W. 4th Mer.
Thickness of Seam: 3 $\frac{1}{2}$ feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 75 feet.
Form of Opening: Drift. Size of Opening: 6ft. by 7ft.

HALCOURT AREA

Baldwin Collieries—Mine No. 651

Mine Office: Grande Prairie, Alberta.
Mine Surveyor: David Jones.
Overman: D. Whyte.
Location of Mine: L. S. 15, Sec. 35, Tp. 70, Rge. 7, W. 6th Mer.
Thickness of Seam: 2 feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 85 feet.
Form of Opening: Drift. Size of Opening: 6ft. by 6ft.
Truck mine.

Campbell & O'Reilly—Mine No. 1506

Mine Office: Dimsdale, Alberta.
Mine Surveyor: David Jones.
Overman: M. O'Reilly.
Location of Mine: N.W. $\frac{1}{4}$ L.S. 2, Sec. 21, Tp. 70, Rge. 7, W. 6th Mer.
Thickness of Seam: 2 feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 100 feet.
Form of Opening: Tunnel. Size of Opening: 6ft. by 6ft.
Truck mine.

Dunbar & Partners—Mine No. 1539

Mine Office: Hinton Trail, Alberta.
Mine Surveyor: David Jones.
Overman: R. Dunbar.
Location of Mine: L.S. 2, Sec. 21, Tp. 70, Rge. 10, W. 6th Mer.
Thickness of Seam: 2 feet.
Inclination of Seam: Horizontal.
Thickness of Cover: Up to 100 feet.
Form of Opening:
Truck mine.

Dahl & Gage—Mine No. 1588

Mine Office: Halcourt, Alberta.
Manager: E. C. Dahl.
Location of Mine: L.S. 14, Sec. 24, Tp. 70, Rge. 11, W. 6th Mer.
Thickness of Seam: 2 to 3 feet.
Inclination of Seam: Horizontal.
Stripping operation. Truck mine.

Howarth & Fraser—Mine No. 1591

Mine Office: Halcourt, Alberta.
Mine Surveyor: D. Jones.
Overman: James Howarth.
Location of Mine: L.S. 1, Sec. 21, Tp. 70, Rge. 10, W. 6th Mer.
Thickness of Seam: 2 $\frac{1}{2}$ to 3 feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 40 to 75 feet.
Form of Opening: Tunnel. Size of Opening: 5ft. by 6ft.
Truck mine.

N. Schneider—Mine No. 1611

Mine Office: Dimsdale, Alberta.
Overman: N. Schneider.
Location of Mine: L.S. 4 and 5, Sec. 7, Tp. 70, Rge. 18, W. 6th Mer.
New mine just being opened, no particulars.

HIGH PRAIRIE AREA

W. D. Savage—Mine No. 1567

Mine Office: High Prairie, Alberta.
Overman: W. D. Savage.
Location of Mine: L.S. 1, Sec. 28, Tp. 72, Rge. 20, W. 5th Mer.

Larson & Wood—Mine No. 1615

Mine Office: High Prairie, Alberta.
 Overman: F. L. Larson.
 Location of Mine: L.S. 12, Sec. 27, Tp. 72,
 Rge. 20, W. 5th Mer.
 New operation opening.

LETHBRIDGE AREA**Rozzolini & Bridarolli—Mine No. 56**

Mine Office: Magrath, Alberta.
 Mine Surveyor: Gordon L. Kidd.
 Overman: Albert Rozzolini.
 Location of Mine: N. $\frac{1}{2}$ of S.W. $\frac{1}{4}$ L.S.
 3, Sec. 7, Tp. 7, Rge. 21, W. 4th Mer.
 Thickness of Seam: 2ft. 3in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 125 feet.
 Form of Opening: Slope. Size of Open-
 ing: 5ft. by 6ft. Length of Slope:
 230 feet.

George Rollingson—Mine No. 738

Mine Office: Lethbridge, Alberta.
 Mine Surveyor: J. F. Hamilton.
 Overman: George Rollingson.
 Location of Mine: L.S. 2, Sec. 11, Tp. 8,
 Rge. 22, W. 4th Mer.
 Thickness of Seam: 30 inches.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 30 to 200 feet.
 Form of Opening: Drift. Size of Open-
 ing: 6ft. by 7ft.

Forsyth & Arnold—Mine No. 1086

Mine Office: Lethbridge, Alberta.
 Mine Surveyor: J. F. Hamilton.
 Overman: J. Forsyth.
 Location of Mine: L.S. 5, Sec. 8, Tp. 7,
 Rge. 21, W. 4th Mer.
 Thickness of Seam: 3½ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: Up to 90 feet.
 Form of Opening: Drift. Size of Open-
 ing: 6ft. by 7ft.

J. C. Chester—Mine No. 1095

Mine Office: Lethbridge, Alberta.
 Mine Surveyor: J. F. Hamilton.
 Overman: Geo. Roberts.
 Fireboss: J. Garrett.
 Location of Mine: L.S. 9, Sec. 30, Tp. 9,
 Rge. 21, W. 4th Mer.
 Thickness of Seam: 4 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 250 to 300 feet.
 Form of Opening: Slope. Size of Open-
 ing: 7ft. by 6ft. Length of Slope:
 257 feet.

Strickland & Tennant—Mine No. 1219

Mine Office: Lethbridge, Alberta.
 Mine Surveyor: J. F. Hamilton.
 Overman: Wm. Strickland.
 Location of Mine: L.S. 12, Sec. 29, Tp. 9,
 Rge. 21, W. 4th Mer.
 Thickness of Seam: 4 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 250-300 feet.
 Form of Opening: Slope. Size of Open-
 ing: 5½ ft. by 6½ ft. Length of Slope:
 400 feet.

Lethbridge Collieries, Ltd.—Mine No. 1263

Authorized Capital: \$1,400,000.
 Name of President: S. G. Porter.
 Names of Directors: C. S. Donaldson,
 E. A. Lovett, S. G. Porter, Wm. Toole,
 E. A. Whitmore.
 Head Office: Calgary, Alberta.
 Mine Office: Shaughnessy, Alberta.
 General Manager: C. S. Donaldson.
 Mine Manager: A. G. Donaldson.
 Mine Surveyor: Wm. Meldrum.
 Overman: F. Thackray.
 Firebosses: A. Birse, B. Mills, H. Evans,
 S. Yorko, M. Boychuk, S. Seminiuk,
 J. C. Macaulay, O. Krosso, W. Good-
 rick.

Location of Mine: L.S. 11, Sec. 30, Tp. 10,
 Rge. 21, W. 4th Mer.
 Thickness of Seam: 5½ feet.
 Inclination of Seam: Horizontal—2% N.
 56 W.
 Thickness of Cover: 260 feet.
 Form of Opening: Shaft. Size of Open-
 ing: 18ft. by 9ft. Depth of Shaft:
 263 feet.

Lethbridge Collieries, Ltd.—Mine No. 1464

Same particulars.
 Mine Office: Lethbridge, Alberta.
 Mine Manager: J. M. Davidson.
 Overman: G. Coutts.
 Firebosses: D. Coutts, H. Tyrer, J. Stew-
 art, A. McColl, G. Hargreaves.
 Location of Mine: L.S. 3, Sec. 2, Tp. 9,
 Rge. 22, W. 4th Mer.
 Thickness of Seam: 4ft. 4in.
 Inclination of Seam: 1 in 72 N. 8° W.
 Thickness of Cover: 350 feet.
 Form of Opening: Shaft. Size of Open-
 ing: 18ft. by 8ft. by 11ft. Depth of
 Shaft: 359 feet.

Kerralta Coal Co.—Mine No. 1576

Mine Office: Lethbridge, Alberta.
 Mine Surveyor: J. F. Hamilton.
 Overman: J. Peta.
 Location of Mine: L.S. 13, Sec. 12, L.S. 4,
 Sec. 13, Tp. 9, Rge. 22, W. 4th Mer.
 Thickness of Seam: 4ft. 2in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 100 to 300 feet.
 Form of Opening: Slope. Size of Open-
 ing: 6ft. by 7ft. Length of Slope:
 290 feet.

J. J. Hamilton Coal Co.—Mine No. 1581

Mine Office: Lethbridge, Alberta.
 Mine Surveyor: Wm. Meldrum.
 General Manager: J. J. Hamilton.
 Overman: E. Tyrer.
 Location of Mine: L.S. 11, Sec. 24, Tp. 9,
 Rge. 22, W. 4th Mer.
 Thickness of Seam: 4½ feet.
 Inclination of Seam: 2% N. 56° W.
 Thickness of Cover: 228 feet.
 Form of Opening: Shaft. Size of Open-
 ing: 8ft. by 8ft. Depth of Shaft:
 228 feet.

G. F. Tollestrup—Mine No. 1602

Mine Office: Raymond, Alberta.
 Overman: G. F. Tollestrup.
 Location of Mine: L.S. 3, Sec. 7, Tp. 7,
 Rge. 21, W. 4th Mer.
 Stripping operation, just opening up.

MILK RIVER AREA**Thomas Taylor—Mine No. 1301**

Mine Office: Groton, Alberta.
 Mine Surveyor: J. F. Hamilton.
 Overman: Thomas Taylor.
 Location of Mine: L.S. 8, 9 and 10, Sec.
 10, Tp. 3, Rge. 11, W. 4th Mer.
 Thickness of Seam: 4ft. 4in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 50 to 65 feet.
 Form of Opening: Slope. Size of Open-
 ing: 6ft. by 6ft. Length of Slope:
 108 feet.

J. J. Mueller—Mine No. 1380

Mine Office: Masinasin, Alberta.
 Mine Surveyor: J. F. Hamilton.
 Location of Mine: W. $\frac{1}{2}$ L.S. 9, L.S. 10,
 Sec. 27, Tp. 2, Rge. 12, W. 4th Mer.
 Thickness of Seam: 2ft. to 3ft. 8in.
 Thickness of Cover: 6 feet.
 Stripping operation.

MOUNTAIN PARK AREA**Mountain Park Coals, Ltd.—Mine No. 282**

Authorized Capital: \$1,042,430.
 Name of President: Col. H. P. Mitchell,
 M.P.

Names of Directors: A. M. Mitchell, Col. M. E. Lindsay, D.S.O., A. C. Dunn, Mayne Reid, J. C. Dunn, A. E. Russell, R. Burleigh Taylor, C. B. McNair, A. N. Scott, Col. H. P. Mitchell.

Name of Sec.-Treasurer: R. Burleigh Taylor; Asst., G. P. Nance.

Head Office: 179 Queen St., Charlotte-town P.E.I.

Mine Office: Mountain Park, Alberta.

General Manager: A. N. Scott.

Mine Manager: D. C. Hamilton.

Mine Surveyor: D. C. Hamilton.

Overmen: W. Talbot and H. Simmons.

Firebosses: W. McDonald, J. McMillan,

T. McNeil, H. Roome, R. Roome, J.

Bulat, A. Stene, J. Hutchinson.

Location of Mine: S.E. $\frac{1}{4}$, Sec. 33, Tp. 45,

Rge. 23, W. 5th Mer.

Thickness of Seam: Kennedy, 25ft.; No.

2, 8ft.; No. 3, 32ft.

Inclination of Seam: 15 to 60 degrees.

Thickness of Cover: 250 to 800 feet.

Form of Opening: Drift. Size of Open-

ings: No. 1, 7ft. by 10ft.; No. 2, 7ft. by

10ft. Length of Slopes: No. 1, 1,500

ft.; No. 2, 800 feet.

Mine on C.N.R.

Cademin Coal Co., Ltd.—Mine No. 693

Authorized Capital: \$1,200,000, no par value shares.

Name of President: H. R. Milner, K.C.

Names of Directors: H. R. Milner, K.C.,

S. W. Field, K.C., A. C. Emery, J. A.

McLeod.

Name of Sec.-Treasurer: Colin Campbell.

Mine Office: Cadomin, Alberta.

General Manager: J. A. McLeod.

Mine Manager: E. Coupland.

Mine Surveyor: N. Melnyk.

Overmen: T. Carr and J. Roberts.

Firebosses: P. Nicholson, D. Stene, S.

Douglas, P. McCarty, S. Chesney, A.

Lister, R. Rawlinson, J. Smith, S.

Wilson.

Location of Mine: L.S. 14, Sec. 31, Tp. 46,

Rge. 23, W. 5th Mer.

Thickness of Seam: 32 feet.

Inclination of Seam: 62 degrees.

Thickness of Cover: 1,200 feet.

Form of Opening: Shaft. Size of Shaft:

14 by 22½ feet. Depth of Shaft, 875

feet.

Mine on C.N.R.

Luscar Coals, Ltd.—Mine No. 905

Same particulars as for Mine 282.

Mine Office: Luscar, Alberta.

General Manager: A. N. Scott.

Mine Manager: A. C. Hnatyshyn.

Mine Surveyor: D. C. Hamilton.

Overmen: T. Mather, M. McLean, H.

Evans.

Firebosses: R. Baker, D. Ashley, W.

Hogg, R. Mitchell, R. Davis, J. Jones,

W. Thomas, T. Eccleston.

Location of Mine: L.S. 7, Sec. 23, Tp. 47,

Rge. 24, W. 5th Mer.

Thickness of Seam: Approx. 30 feet.

Inclination of Seam: Varies up to 90

degrees.

Thickness of Cover: 250 to 1,000 feet.

Form of Opening: Slope in rock. Size

of Slope: 8ft. by 12ft. Length of

Slope: 800 feet.

K-D Collieries, Ltd.—Mine No. 1392

Authorized Capital: \$200,000.

Names of President: Nelles V. Buchanan.

Names of Directors: R. V. Real, H. J.

MacDonald, H. D. Elliott.

Name of Sec.-Treasurer: G. E. T. Sherry.

Head Office: Edmonton, Alberta.

Mine Office: Kaydee, Alberta.

General Manager: G. E. T. Sherry.

Mine Manager: Alex. Crawford.

Mine Surveyor: L. C. Stevens.

Firebosses: J. Denholm and W. Grubisch.

Location of Mine: S.E. $\frac{1}{4}$ L.S. 8, Sec. 28,

Tp. 47, Rge. 24, W. 5th Mer.

Thickness of Seam: 30 to 40 feet.

Inclination of Seam: 30 degrees.

Thickness of Cover: 300 feet.

Form of Opening: Drifts. Size of Open-

ing: 7ft. by 10ft.

NORDEGG AREA

Brazeau Collieries, Ltd.—Mine No. 256

Authorized Capital: \$4,450,000.

Name of President: J. A. Boyd.

Names of Directors: J. A. Boyd, H. A.

Kilpatrick, W. H. Moore, G. R. Cot-

trelle, H. S. Gausby.

Name of Sec.-Treasurer: H. S. Gausby.

Head Office: 7th Floor, 25 King St. W.,

Toronto, Ontario.

Mine Office: Nordegg, Alberta.

General Manager: John Shanks.

Mine Manager: David Shanks.

Mine Surveyor: A. McMullen.

Overmen: J. Touhey, O. N. Edwards.

Firebosses: H. Williams, J. China, S.

Barton, S. Koznuik, J. Henderson.

Location of Mine: L.S. 13, Sec. 22, Tp. 40,

Rge. 15, W. 5th Mer.

Thickness of Seam: 13 feet.

Inclination of Seam: 12 degrees.

Thickness of Cover: 400 to 600 feet.

Form of Opening: Slope. Size of Open-

ing: 12ft. by 6ft. Length of Slope:

2,500 feet.

Brazeau Collieries, Ltd.—Mine No. 1585

Same particulars.

Mine Manager: A. McMullen.

Overman: A. McQueen.

Firebosses: J. White, D. Duncan, G. Mc-

Queen, F. Marasco.

Location of Mine: L.S. 13, Sec. 22, Tp. 40,

Rge. 15, W. 5th Mer.

Thickness of Seam: 6 feet.

Inclination of Seam: 12 degrees.

Thickness of Cover: 400 to 600 feet.

Form of Opening: Slope. Size of Open-

ing: 12ft. by 6ft. Length of Slope:

3,000 feet.

PAKOWKI AREA

William Geddes—Mine No. 1138

Mine Office: Little Plume, Alberta.

Mine Surveyor: E. Ashburner.

Overman: W. Geddes.

Location of Mine: W. $\frac{1}{2}$ L.S. 15, Sec. 2,

Tp. 9, Rge. 5, W. 4th Mer.

Thickness of Seam: 11 feet.

Inclination of Seam: 32 degrees.

Thickness of Cover: 70 feet.

Form of Opening: Slope. Size of Open-

ing: 5ft. by 5ft. Length of Slope:

125 feet.

William Raeder—Mine No. 1318

Mine Office: Elkwater, Alberta.

Mine Surveyor: E. Ashburner.

Overman: Wm. Raeder.

Location of Mine: L.S. 10, Sec. 23, Tp. 8,

Rge. 3, W. 4th Mer.

Thickness of Seam: 5ft. 6in.

Inclination of Seam: Horizontal.

Thickness of Cover: Up to 200 feet.

Form of Opening: Drift. Size of Open-

ing: 6ft. by 6ft.

PEKISKO AREA

H. Swan & Son (Fish Creek Mine)

—Mine No. 361

Mine Office: Priddis, Alberta.

Mine Surveyor: R. Hamilton.

Overman: H. Swan.

Location of Mine: L.S. 11, Sec. 7, Tp. 22,

Rge. 3, W. 5th Mer.

Thickness of Seam: 6½ feet.

Inclination of Seam: 10 degrees.

Thickness of Cover: 150 feet.

Form of Opening: Slope. Size of Opening: 6ft. by 8 ft. Length of Slope: 260 feet.

G. C. Davies—Mine No. 1516

Mine Office: Priddis, Alberta.
 Mine Surveyor: R. Hamilton.
 Overman: G. C. Davies.
 Location of Mine: L.S. 10, Sec. 4, Tp. 22, Rge. 3, W. 5th Mer.
 Thickness of Seam: 3ft. 4in.
 Inclination of Seam: 10½ degrees.
 Thickness of Cover: 120 feet.
 Form of Opening: Slope. Size of Opening: 5ft. by 6ft. Length of Slope: 350 feet.

PEMBINA AREA

Lakeside Coals, Ltd.—Mine No. 419

Authorized Capital: \$660,000.
 Name of President: E. A. McBain.
 Names of Directors: E. A. McBain, Wm. Foster, W. W. McBain, W. A. McBain.
 Name of Secretary: W. A. McBain.
 Head Office: 93rd St. and Jasper Ave. Edmonton, Alberta.
 Mine Office: Wabamun, Alberta.
 General Manager: Wm. Foster.
 Mine Surveyor: W. Foster.
 Overman: J. Viviyurka.
 Location of Mine: L.S. 15, Sec. 9, Tp. 53, Rge. 4, W. 5th Mer.
 Thickness of Seam: 7½ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 300 feet.
 Form of Opening: Slope. Size of Opening: 7ft. by 8ft.

Pembina Collieries, Ltd.—Mine No. 1495

Mine Office, Entwistle, Alberta.
 Overman: T. Shaw.
 Location of Mine: N.W. ¼, Sec. 34, Tp. 53 Rge. 7, W. 5th Mer.
 Thickness of Seam: 5½ feet.
 Inclination of Seam: Horizontal.
 Form of Opening: Slope, 5ft. by 6ft., 75 feet in length.

Wilma Coal Co.—Mine No. 1592

Mine Office: Stony Plain, Alberta.
 Overman: T. Welbourne.
 Location of Mine: E. ½, Sec. 30, Tp. 52, Rge. 4, W. 5th Mer.
 Thickness of Seam: 20 feet.
 Inclination of Seam: Horizontal.
 Stripping operation.

H. H. Wright—Mine No. 1606

Mine Office: Genesee, Alberta.
 Overman: D. Smith.
 Mine Surveyor: L. C. Stevens.
 Location of Mine: L.S. 7, Sec. 30, Tp. 50, Rge. 3, W. 5th Mer.
 Thickness of Seam: 7 feet.
 Inclination of Seam: Horizontal.
 New mine being developed.

PINCHER AREA

Albert Keith—Mine No. 59

Mine Office: Lundbreck, Alberta.
 Mine Surveyor: M. H. Congdon.
 Overman: A. Keith.
 Location of Mine: S.W. ¼ L.S. 15, Sec. 26, Tp. 7, Rge. 2, W. 5th Mer.
 Thickness of Seam: 6 feet.
 Inclination of Seam: 20 to 50 degrees.
 Thickness of Cover: 150 feet.
 Form of Opening: Slope. Size of Opening: 7ft. by 10ft. Length of Slope: 400 feet.

PRAIRIE CREEK AREA

Jasper Coals, Ltd.—Mine No. 1296

Head Office: Edmonton, Alberta.
 Mine Office: Drinnan, Alberta.

Mine Manager: James Horne.
 Mine Surveyor: A. C. Dunn.
 Location of Mine: N.W. ¼, Sec. 18, Tp. 51, Rge. 24, W. 5th Mer.
 Thickness of Seam: 4 feet.
 Form of Opening: Slope.

REDCLIFF AREA

Gunderson Brick & Coal Co., Ltd.—Mine No. 163

Authorized Capital: \$200,000.
 Name of President: P. Lavelle.
 Names of Directors: J. M. Stratton, P. Lavelle, C. G. Buchholz.
 Name of Sec.-Treasurer: C. G. Buchholz.
 Mine Office: Redcliff, Alberta.
 Mine Surveyor: Gordon L. Kidd.
 Location of Mine: L.S. 14, Sec. 5, Tp. 13, Rge. 6, W. 4th Mer.
 Thickness of Seam: 4ft. 5in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 190 feet.
 Form of Opening: Slope. Size of Slope: 7ft. by 7ft. Length of Slope: 560 feet.

Ajax Coal Company (J. T. Oliphant)—Mine No. 772

Authorized Capital: \$15,000.
 Name of President: L. N. Laidlaw.
 Mine Office: Medicine Hat, Alberta.
 Mine Surveyor: Gordon L. Kidd.
 Overman: John T. Oliphant.
 Location of Mine: L.S. 2, Sec. 5, Tp. 13, Rge. 6, W. 4th Mer.
 Thickness of Seam: 4 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: Up to 250 feet.
 Form of Opening: Drift.

ROCHESTER AREA

Thorhild Coal Co.—Mine No. 1517

Mine Office: Thorhild, Alberta.
 Mine Surveyor: David Jones.
 Overman: Mike Libicz.
 Location of Mine: N. ½ L.S. 12, Tp. 60, Rge. 21, W. 4th Mer.
 Thickness of Seam: 6ft. 10in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 25-50 feet.
 Form of Opening: Slope. Size of Slope: 7ft. by 7ft. Length of Slope: 65 feet.

Tomilson & Kaszuba—Mine No. 1562

Mine Office: Radway, Alberta.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 1, Sec. 11, Tp. 60, Rge. 21, W. 4th Mer.
 Thickness of Seam: 5½ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 12 to 20 feet.
 Stripping operation.

SAUNDERS AREA

Bighorn & Saunders Creek Collieries, Ltd.—Mine No. 388

Authorized Capital: \$300,000.
 Name of President: Raoul Green.
 Names of Directors: J. R. Smith, L. P. Robert, W. G. Pearson.
 Name of Sec.-Treasurer: A. R. Granger.
 Head Office: Blairmore, Alberta.
 Mine Office: Saunders, Alberta.
 Mine Manager: Owen Morgan.
 Mine Surveyor: Owen Morgan.
 Overman: L. Gladwin.
 Firebosses: I. Dolzan, F. Broderick, J. James.
 Location of Mine: S.E. ¼ L.S. 9, Sec. 24, Tp. 40, Rge. 13, W. 5th Mer.
 Thickness of Seam: 4ft. 5in.
 Inclination of Seam: 7 degrees.
 Thickness of Cover: 250 feet.
 Form of Opening: Slope. Size of Opening: 8ft. by 7ft. Length of Slope: 1,300 feet.

Alexo Coal Co., Ltd.—Mine No. 852

Authorized Capital: \$200,000.
 Name of President: E. F. Pullen.
 Names of Directors: E. F. Pullen, G. F. Hanning, Frank Pullen, C. C. Clark.
 Name of Secretary: C. C. Clark.
 Head Office: 107 Duke St., Toronto, Ontario.
 Mine Office: Alexo, Alberta.
 General Manager: E. F. Pullen.
 Mine Manager: J. D. B. Brown.
 Mine Surveyor: A. McMullen.
 Location of Mine: L.S. 9, Sec. 27, Tp. 40, Rge. 13, W. 5th Mer.
 Thickness of Seam: 5 feet.
 Inclination of Seam: 7 degrees.
 Thickness of Cover: 250 feet.
 Form of Opening: Slope. Size of Opening: 12ft. by 8ft. Length of Slope: 2,250 feet.

SHEERNESS AREA**Chinook Coal Co., Ltd.—Mine No. 443**

Authorized Capital: \$30,000.
 Name of President: Claude Gallinger.
 Names of Directors: Claude Gallinger, Mrs. Jean Gallinger, Wilbur Gallinger, Mrs. R. L. Wood, R. L. Wood.
 Name of Sec.-Treasurer: R. L. Wood.
 Mine Office: Sheerness, Alberta.
 General Manager: R. L. Wood.
 Mine Surveyor: David Jones.
 Overman: William Swanson.
 Location of Mine: L.S. 1, Sec. 12, Tp. 29, Rge. 13, W. 4th Mer.
 Thickness of Seam: 5 to 6 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 10 to 14 feet.
 Stripping operation. Mine located on C.N.R.

Litke Bros.—Mine No. 486

Mine Office: Hanna, Alberta.
 Mine Surveyor: David Jones.
 Mine Manager: S. Litke.
 Location of Mine: S.W. $\frac{1}{4}$ L.S. 6, Sec. 29, Tp. 32, Rge. 13, W. 4th Mer.
 Thickness of Seam: 2 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 10 feet.
 Stripping operation. Truck mine.

T. E. Stubbs—Mine No. 1314

Mine Office: Hanna, Alberta.
 Mine Surveyor: David Jones.
 Overman: T. E. Stubbs.
 Location of Mine: L.S. 1, Sec. 6, Tp. 29, Rge. 14, W. 4th Mer.
 Thickness of Seam: 2½ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 10 feet.
 Stripping operation. Truck mine.

T. G. Ironside—Mine No. 1398

Mine Office: Scapa, Alberta.
 Mine Surveyor: David Jones.
 Overman: T. G. Ironside.
 Location of Mine: L.S. 12, Sec. 5, Tp. 34, Rge. 13, W. 4th Mer.
 Thickness of Seam: 2½ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 10 feet.
 Stripping operation. Truck mine.

F. M. Pahl—Mine No. 1401

Mine Office: Hanna, Alberta.
 Mine Surveyor: David Jones.
 Overman: F. M. Pahl.
 Location of Mine: N.E. L.S. 7, Sec. 30, Tp. 32, Rge. 13, W. 4th Mer.
 Thickness of Seam: 3 to 3½ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 20 feet.
 Stripping operation. Truck mine.

Sheerness Coal Co., Ltd.—Mine No. 1432
 Authorized Capital: \$10,000.
 Name of President: Claude Gallinger.

Names of Directors: C. Gallinger, Mrs. Jean Gallinger.
 Name of Sec.-Treasurer: R. L. Wood.
 Mine Office: Sheerness, Alberta.
 General Manager: R. L. Wood.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 5, Sec. 19, Tp. 29, Rge. 12, W. 4th Mer.
 Thickness of Seam: 5 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 10 feet.
 Stripping operation. On C.N.R.

John Masciangelo & Partners—Mine No. 1553

Mine Office: Delia, Alberta.
 Mine Surveyor: David Jones.
 Overman: John Masciangelo.
 Location of Mine: L.S. 10, Sec. 21, Tp. 30, Rge. 17, W. 4th Mer.
 Thickness of Seam: 3 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 150 feet.
 Form of Opening: Drift. Size of Opening: 6ft. by 7 ft.
 Truck mine.

A. J. Bordula & Partners—Mine No. 1597

Mine Office: Hanna, Alberta.
 Overman: A. J. Bordula.
 Location of Mine: L.S. 16, Sec. 12, Tp. 29, Rge. 13, W. 4th Mer.
 Thickness of Seam: 5ft. 5in.
 Inclination of Seam: Horizontal.
 Stripping operation.

TABER AREA**C. J. Lavenne—Mine No. 672**

Mine Office: Bow Island, Alberta.
 Mine Surveyor: J. F. Hamilton.
 Overman: C. J. Lavenne.
 Location of Mine: L.S. 3, Sec. 27, Tp. 12, Rge. 10, W. 4th Mer.
 Thickness of Seam: 4ft. 4in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: Up to 135 feet.
 Form of Opening: Drift. Size of Opening: 4ft. by 4ft.

Continental Coal Corporation, Ltd. Mine No. 1334

Mine Office: Grassy Lake, Alberta.
 Mine Surveyor: M. G. Rhynas.
 Manager: M. G. Rhynas.
 Location of Mine: L.S. 4, Sec. 26, Tp. 9, Rge. 13, W. 4th Mer.
 Thickness of Seam: 2 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover:
 Stripping operation.

Oliver Coal Mine—Mine No. 1536

Mine Office: Taber, Alberta.
 Mine Surveyor: J. F. Hamilton.
 Mine Manager: Edward Oliver.
 Location of Mine: L.S. 2, Sec. 18, Tp. 10, Rge. 16, W. 4th Mer.
 Thickness of Seam: 3ft. 8in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: Up to 100 feet.
 Form of Opening: Drift. Size of Opening: 6ft. by 6ft.

Continental Coal Corporation, Ltd. Mine No. 1580

Mine Office: Grassy Lake, Alberta.
 Manager: M. G. Rhynas.
 Location of Mine: L.S. 7, Sec. 26, Tp. 9, Rge. 13, W. 4th Mer.
 Thickness of Seam: 28 inches.
 Inclination of Seam: Horizontal.
 Thickness of Cover:
 Stripping operation.

Majestic Mines, Ltd.—Mine No. 1604

Mine Office: Taber, Alberta.
 Manager: P. H. Cote.
 Location of Mine: Sec. 12, Tp. 10, Rge. 17, W. 4th Mer.
 Stripping operation just commencing.

Kenneth Oliver—Mine No. 1607

Mine Office: Taber, Alberta.
 Manager: Edward Oliver.
 Location of Mine: L.S. 12, Sec. 7, Tp. 10,
 Rge. 16, W. 4th Mer.
 Stripping operation.

Western Ventures, Ltd.—Mine No. 1609

Mine Office: Taber, Alberta.
 Manager: T. D. Millar.
 Location of Mine: Sec. 30, Tp. 10, Rge.
 16, W. 4th Mer.
 Stripping operation.

TOFIELD AREA**Emil Skarin—Mine No. 215**

Mine Office: Dodds, Alberta.
 Mine Manager: E. E. Chappell.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 7, Sec. 14, Tp. 49,
 Rge. 18, W. 4th Mer.
 Thickness of Seam: 6 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 18 feet.
 Stripping operation.

Tofield Coal Co., Ltd.—Mine No. 252

Authorized Capital: \$150,000.
 Name of President: Claude Gallinger.
 Names of Directors: C. Gallinger, Mrs.
 Jean Gallinger.
 Name of Sec.-Treasurer: Norman E. Scott.
 Mine Office: Tofield, Alberta.
 General Manager: C. Gallinger.
 Mine Surveyor: David Jones.
 Location of Mine: N. $\frac{1}{2}$, Sec. 26, Tp. 50,
 Rge. 19, W. 4th Mer.
 Thickness of Seam: 6 to 7 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 18 to 35 feet.
 Stripping operation.

D. Falvo—Mine No. 1107

Mine Office: Dodds, Alberta.
 Mine Surveyor: David Jones.
 Overman: D. Falvo.
 Location of Mine: L.S. 15, Sec. 11, Tp. 49,
 Rge. 18, W. 4th Mer.
 Thickness of Seam: 5 to 6 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 25 feet.
 Form of Opening: Slope. Size of Open-
 ing: 7ft. by 6ft. Length of Slope:
 60 feet.

Ryley Coal Company—Mine No. 1206

Mine Office: Ryley, Alberta.
 Manager: W. T. Gotheridge.

Mine Surveyor: David Jones.
 Location of Mine: L.S. 8, Sec. 8, Tp. 49,
 Rge. 17, W. 4th Mer.
 Thickness of Seam: 8ft. 2in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 14 feet.
 Form of Opening: Slope. Size of Open-
 ing: 6 $\frac{1}{2}$ ft. by 6ft. 3in. Length of
 Slope: 48 feet.

WETASKIWIN AREA**Peter Gill—Mine No. 1534**

Mine Office: Thorsby, Alberta.
 Mine Surveyor: L. C. Stevens.
 Overman: Peter Gill.
 Location of Mine: L.S. 2 and 7, Sec. 3,
 Tp. 48, Rge. 27, W. 4th Mer.
 Thickness of Seam: 4ft. 9in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 115 feet.
 Form of Opening: Drift. Size of Open-
 ing: 6ft. by 7ft.

WHITECOURT AREA**Alexander Watson—Mine No. 1569**

Mine Office: Blue Ridge, Alberta.
 Overman: A. Watson.
 Location of Mine: L.S. 12 and 13, Sec. 19,
 Tp. 59, Rge. 10, W. 5th Mer.
 Thickness of Seam: 6ft. 3in.
 Inclination of Seam: Horizontal.
 Stripping operation.

A. J. Buxton—Mine No. 1593

Mine Office: Blue Ridge, Alberta.
 Overman: A. J. Buxton.
 Location of Mine: L.S. 13, Sec. 2, Tp. 59,
 Rge. 10, W. 5th Mer.
 Stripping operation.

R. F. Pritchard—Mine No. 1612

Mine Office: Blue Ridge, Alberta.
 Overman: R. F. Pritchard.
 Location of Mine: L.S. 1, Sec. 31, Tp. 59,
 Rge. 10, W. 5th Mer.
 Thickness of Seam: 3 $\frac{1}{2}$ feet.

NO AREA**G. Sparks—Mine No. 1616**

Mine Office: Beaverlodge, Alberta.
 Location of Mine: Unsurveyed territory
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